

BULLETIN  
OF  
A. & M. COLLEGE

PUBLISHED BY  
The North Carolina  
Agricultural & Mechanical College  
For the Colored Race



GREENSBORO, - NORTH CAROLINA

Issued Quarterly

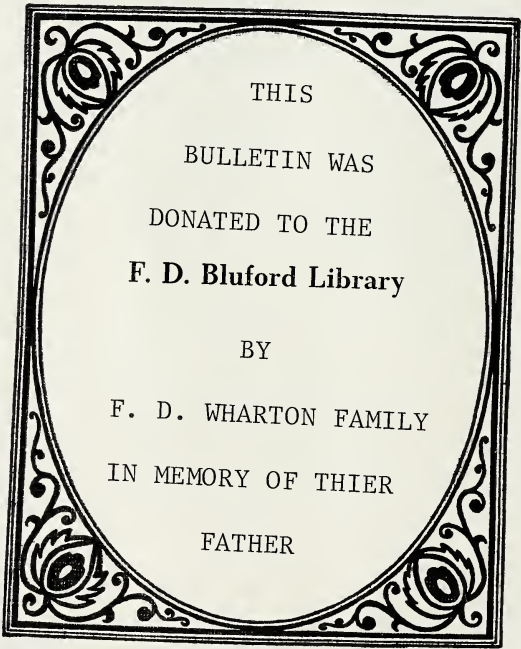
Vol. 1

MARCH, 1910

No. 4

CALENDAR, 1909-1910

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FATHER

## ANNOUNCEMENTS.

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1. **MEDICAL FEE.**—Every student lodger must pay one dollar medical fee. There will be no further charges for medical attention; but this fee does not include expenses for medicine.
2. **VACCINATION.**—Each student will be required to be vaccinated on entrance unless he can show doctor's certificate proving that vaccination is unnecessary.
3. **LODGING DEPOSITS.**—On account of limited accommodations, students can secure room at once by paying one dollar for September lodging. In case of sickness or inability to attend, the one dollar will be refunded provided application for its return is made before September 1, 1909.
4. **FREE TUITION.**—Each Senator and Representative can recommend county students for free tuition. Upon the endorsement of a county Representative or Senator, we will give a student his tuition free for one session. Free tuition does not mean free board and lodging. These two items costs \$6.00 per month.
5. **SPECIAL EXAMINATIONS.**—Entrance examination and examinations for the removal of conditions are held September 1st to 4th. All students with conditions should avail themselves of the opportunity, as special examinations are *not held* during the session and no conditions will be moved except during the examination weeks.

Each student must pay on entering all entrance fees and expenses for his first month.



# CALENDAR FROM JUNE 1, 1909, TO MAY 31, 1910.

1909.

JUNE							JULY							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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6	7	8	9	10	11	12	4	5	6	7	8	9	10	8	9	10	11	12	13	14
13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21
20	21	22	23	24	25	26	18	19	20	21	22	23	24	22	23	24	25	26	27	28
27	28	29	30				25	26	27	28	29	30	31	29	30	31				
SEPTEMBER							OCTOBER							NOVEMBER						
			1	2	3	4	3	4	5	6	7	8	9		1	2	3	4	5	6
5	6	7	8	9	10	11	10	11	12	13	14	15	16	7	8	9	10	11	12	13
12	13	14	15	16	17	18	17	18	19	20	21	22	23	14	15	16	17	18	19	20
19	20	21	22	23	24	25	24	25	26	27	28	29	30	21	22	23	24	25	26	27
26	27	28	29	30			31							28	29	30				

1909-1910

DECEMBER							JANUARY							FEBRUARY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2	3	4							1			1	2	3	4	5
5	6	7	8	9	10	11	2	3	4	5	6	7	8	6	7	8	9	10	11	12
12	13	14	15	16	17	18	9	10	11	12	13	14	15	13	14	15	16	17	18	19
19	20	21	22	23	24	25	16	17	18	19	20	21	22	20	21	22	23	24	25	26
26	27	28	29	30	31		23	24	25	26	27	28	29	27	28					
							30	31												
MARCH							APRIL							MAY						
		1	2	3	4	5						1	2	1	2	3	4	5	6	7
6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13	14
13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21
20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28
27	28	29	30	31			24	25	26	27	28	29	30	29	30	31				



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Main Building.

FIFTEENTH ANNUAL CALENDAR

OF THE

North Carolina

Agricultural and Mechanical College

FOR THE COLORED RACE

GREENSBORO, NORTH CAROLINA

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1909-1910

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THE RECORD JOB OFFICE  
GREENSBORO, N. C.



**CALENDAR 1909-1910.**

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September 1-4—Entrance Examination and Examination for removal of conditions.

September 4—Registration Day.

September 6—Fall Term begins.

November 30—Fall Term ends.

December 1—Winter Term begins.

February 27—Winter Term ends.

March 1—Spring Term begins.

May 22—Baccalaureate Sermon.

May 26—Commencement.

June 1 to August 31—Vacation.

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**HOLIDAYS.**

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Thanksgiving Day.

Christmas Vacation—Dec. 23-Jan. 3rd inc.

Winter Term Holiday, February 28.

Washington's Birthday, February 22.

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**SPECIAL DAYS.**

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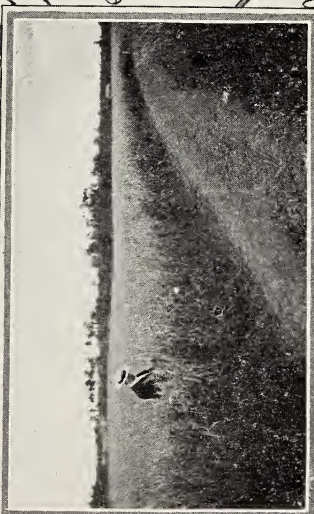
Arbor Day (day after Thanksgiving)—Special programme by Department of Agriculture and Chemistry.

Douglas' Birthday, and Lincoln's Birthday, February 12.

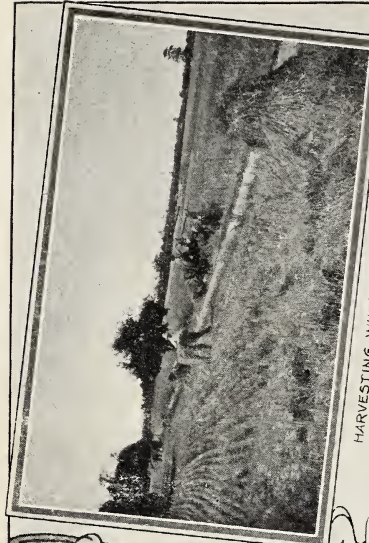
Morrill's Birthday, April 14—Agricultural and Mechanical Societies have special programme.



OATS TO THE RIGHT  
WHEAT TO THE LEFT  
FARM BUILDINGS  
IN THE DISTANCE.



GARTONS TARTER KING  
SPRING OATS



HARVESTING WHEAT  
LOOKING NORTH



WHEAT HARVEST  
LOOKING SOUTH



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### BOARD OF TRUSTEES.

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First Congressional District—W. R. Williams, Pitt county.

Second Congressional District—

Third Congressional District—W. E. Brooks, Chatham county.

Fifth Congressional District—J. I. Foust, Guilford county.

Sixth Congressional District—C. Miller Hughes, Cumberland county.

Seventh Congressional District—C. C. Cranford, Randolph county.

Eighth Congressional District—W. L. Kluttz, Rowan county.

Ninth Congressional District—W. A. Enloe, Jackson County.

Tenth Congressional District—M. W. Bell, Cherokee county.

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### MEMBERS AT LARGE.

---

W. A. Darden, Pitt County.

J. B. Minor, Guilford County.

R. W. Morphis, Rockingham County.

M. C. S. Noble, Orange County.

C. G. Rose, Cumberland County.

C. M. Vanstory, Guilford County.

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### OFFICERS OF TRUSTEE BOARD.

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M. C. S. Noble, Chairman, Chapel Hill, N. C.

S. A. Kerr, Secretary, Greensboro, N. C.

## **FACULTY AND OFFICERS FOR 1908-1909.**

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James B. Dudley, President.

S. A. Kerr, Treasurer, 1901.

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### **ACADEMIC DEPARTMENT.**

James B. Dudley, A. M., LL.D., Head of Eng. Dept., 1896.

W. F. Debnam, A. B., Assistant, 1907.

S. P. Sebastian, Assistant, 1903.

Martin Goins, Secretary and Librarian, 1907.

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### **TEACHERS' TRAINING DEPARTMENT.**

J. D. Chavis, A. M., D. D., Director, 1907.

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### **AGRICULTURAL DEPARTMENT.**

John H. Bluford, B. S., A. M., Director, 1902.

W. F. Robinson, B. Agr., Assistant, Florist, 1904.

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### **DAIRY DEPARTMENT.**

C. N. McCune, 1908.

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### **MECHANICAL DEPARTMENT.**

Charles W. Pierce, B. S. E. E., Director, 1906.

W. H. Green, Assistant, Instructor in Manual Training, 1908.

W. N. Nelson, A. B., Assistant Instr. in Manual Training, 1903.

R. L. Page, Instructor in Bricklaying, 1907.

C. C. Amey, Instr. in Blacksmithing, 1907.

Wm. Yates, Instructor in Tinning, 1897.

M. S. Sanders, Instructor in Broom Making.

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### **DEPARTMENT OF INDUSTRIES.**

J. W. Landreth, Director, 1902.

Junius Rooks, Steward, 1895.

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J. E. Dellinger, M. D., College Physician.



Group of Teachers.

- (1) Pres. Dullin
- (2) Dr. J. B. Clavin, S. D.
- (3) Director, C. W. Pierce
- (4) Director, J. A. Clifford
- (5) W. F. Robinson

- (6) W. F. DeMar
- (7) W. H. Nelson
- (8) S. B. Sebastian
- (9) W. H. Green
- (10) C. E. Gray
- (11) E. V. McClave (15)
- (12) R. F. Page

12 Dr. J. E. Dillinger  
13 J. A. Clavin  
14 M. A. Hairs





# **The Agricultural and Mechanical College For the Colored Race.**

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This College was established by an act of the General Assembly of North Carolina, ratified March 9, 1891. The leading object of the institution is declared by the Act to be instruction in practical agriculture, the mechanic arts and such branches of learning as relate thereto.

The management and control of the College and the care and preservation of all its property is vested in a Board of Trustees, consisting of fifteen members, who are elected by the General Assembly, or appointed by the Governor, for a term of six years.

The Trustees, by the Act of the Legislature, have power to prescribe rules for the management and preservation of good order and morals at the College; to elect the president, instructors, and as many other officers and servants as they shall deem necessary; have charge of the disbursements of the funds, and have general and entire supervision of the establishment and maintenance of the College.

The financial support of the College for the payment of salaries and purchase of apparatus and equipment is derived, for the most part, from the United States, under an Act of Congress, known as the "Morrill Act," passed August 20, 1890. This Act makes an annual appropriation for each State and Territory for the endowment and support of Colleges for the benefit of agriculture and mechanic arts to be applied "only to instruction in agriculture, the mechanic arts, the English language and the various branches of mathematics, physical, natural and economic sciences, with special reference to their application in the industries of life and to the facilities of such instruction."

The College also receives an appropriation from the State

for general maintenance, which cannot be provided for under the laws governing the use of Federal appropriations.

The citizens of Greensboro donated fourteen acres of land and \$11,000, to be used in construction of buildings. In 1893 this was supplemented by an appropriation of \$10,000 by the General Assembly. The main building, one of the finest school edifices in North Carolina, was completed in 1893, and the school opened in the fall of that year.

Every negro who will observe the splendid record of success and of usefulness which the graduates almost without exception are making must naturally feel grateful to the "Old North State" for the excellent work that this Commonwealth is doing for the uplift of its negro citizens. Every intelligent citizen, black or white, who will note the substantial interest and splendid support that this institution is receiving from every State official and from the representatives of the people in every Legislature, must admire the wise and liberal treatment North Carolina is giving for the maintenance of helpful institutions for her negro citizens, and never appreciate the excellent results that are being accomplished. It is certain no negro can study the important work of this institution and its influence for the advancement of all people without feeling a stronger sense of obligation that he should strive to be a better, truer and more patriotic citizen of the great State of North Carolina.

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#### ADMISSION.

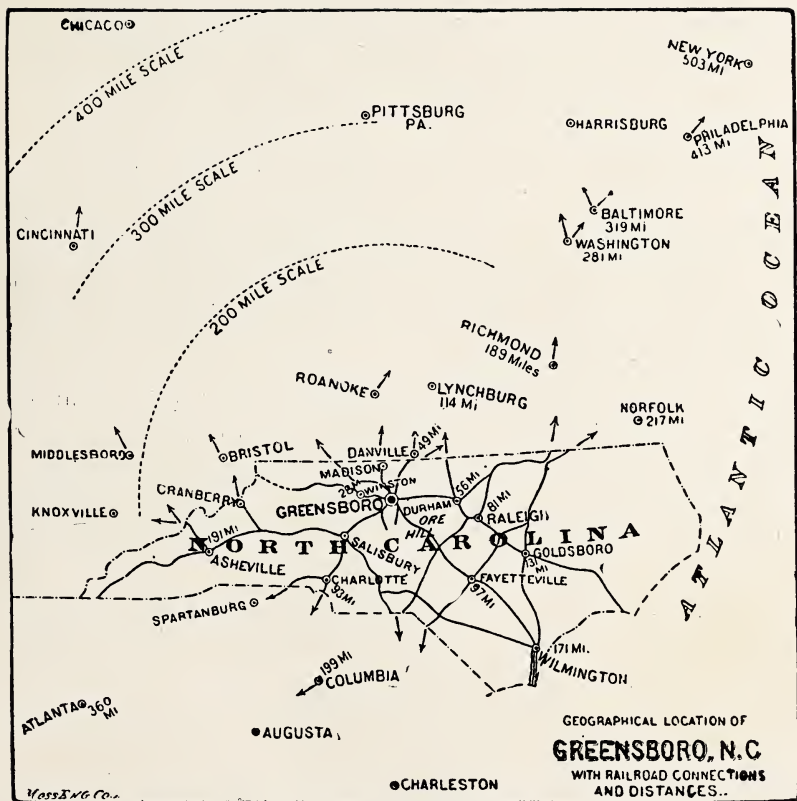
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The requirements for admission into the Agricultural and Mechanical College, which is the complement of the public schools of the State for the colored people, have been regulated by the average scholarship of the advanced students of these schools.

Applicants must be in good health and not under 16 years of age; must understand fairly well the forms and rules of the English language, must know addition, subtraction, multipli-



*F. W. Hartman*



cation and division of whole numbers, and have a knowledge of geography and history.

Students who have completed the eighth grade in the grammar schools will be admitted without examination.

A student otherwise qualified may be allowed to elect certain studies from the regular courses already provided in the College if no inconvenience result to the regular classes.

Each student desiring admission should present a recommendation from the school last attended.

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#### TUITION.

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Tuition of one dollar per month, payable in advance.

A limited number of students from each county will be allowed free tuition. For further information on this subject, address the President.

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#### EXPENSES.

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Although it is the aim of the College to furnish as much employment as possible to assist students in defraying expenses, no promise nor guarantee can be made in advance to furnish such work.

The charges made by the college for board, lodging and tuition must be settled in advance the first day of each month. The college does not hold students on credit.

Positively no student will be allowed to enter any department of the College without paying in Cash the first month's expenses, as stated below.

No student should expect to enter any department of the College unless he has at least one-half the total amount necessary to defray his expenses during the time of his attendance.

#### MONTHLY PAYMENTS.

Tuition, per month .....	\$1.00
Lodging—use of room, bedding, etc., per month.....	1.00
Board, per month .....	5.00

## SPECIAL PAYMENTS.

Agricultural Fee, per term .....	50
Incidental Deposit .....	2.00
Laboratory Fee, per term .....	50
Workshop Fee, per term (see Mechanical Dept.).....	50
Dining Hall Fee, per year .....	1.00
Medical Fee, per year .....	1.00

*These charges are payable strictly in advance.*

Students at the time of the advance payments will be given tickets, which will admit them to class-rooms, work-shops and dining-hall when properly countersigned.

In addition to the above expenses the cost of text-books must be considered. This will amount to about \$12.50 per year.

Free tuition or county students will pay \$1.00 per month less than the above.

Students who are absent for less than two weeks will not be allowed a reduction of charges.

Board, lodging, medical fee, tuition, and incidental deposit must be paid before the rooms are assigned and tickets of admission to class-rooms, work-shops and dining-hall are issued. be paid before the rooms are assigned and tickets of admission to class-rooms, work-shops and dining-hall are issued.

In addition to the above charges each student will be required to give at least three hours work per week.

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SUPPLIES.

Each student must bring a HAIRBRUSH and COMB, a CHANGE OF SHEETS and PILLOWCASES and COUNTERPANES, plainly marked.

All students must furnish books, stationery, drawing pencils, thumb tacks and medicines.

Each student must keep on deposit \$2.00 to cover any charges which may be made against him for damages done.

From the standpoint of neatness and economy in dress each student should supply himself with a regular uniform. This recommendation is compulsory for members of the Senior class.

## RULES FOR GOVERNING CLASSIFICATION.

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I. Regular students must take a minimum of fifteen hours of credit work per week at least three of which shall be industrial or manual training work.

II. Examinations for the removal of conditions will be held at no other time than the regular term examination periods.

III. Students making an average of 70 per cent. or more will be passed; over 85 per cent., passed honorably. Students will not be promoted from one class to a higher class who have more than *two conditions* in any preceding class.

IV. Student candidates for graduation will be required to pass a satisfactory examination in all the subjects in their respective courses.

V. Any student failing to secure 50 per cent. of the total marks obtainable during any term, will be required to take a lower class or sever his connection with the College and be allowed to return the following session.

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## GRADUATION.

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It is the aim of this institution to send forth men who are fit representatives. To this end, the faculty reserves the right to refuse to admit any student to the Senior class or to graduate any one who, though qualified by class record, may otherwise be unfit.

Students graduating from the Trade School Courses are entitled to Certificates.

Students are entitled to a Diploma of the College upon the completion of the prescribed courses.

Candidates for graduation from the College, in addition to the work outlined in the catalogue, must have practical experience in field work, either at the College or elsewhere, as shall appear in reports from responsible persons.



### DEGREES.

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Students graduating from the Agricultural Course shall be entitled to the degree of Bachelor of Agriculture.

Students graduating from Mechanical Course shall be entitled to the degree of Bachelor of Mechanics.

Members of the Senior class must deposit the fee for Diploma thirty days before commencement day.

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### GENERAL INFORMATION.

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Students desiring assistance in defraying expenses, as far as possible, will be allowed to work at the rate of 5 to 7½ cents per hour, for which they can get credit each month at the time of their advanced payment.

Students receiving aid by labor which they may secure at the College are requested to observe: (a) That credit on school expenses and not money, will be allowed for student labor, except by action of the faculty and approval of the President; (b) that credit cannot be transferred from one student to another.

The Department of Industries operated by the school affords opportunity for needy but industrious students to help themselves. It is impossible to state definitely and in advance how much a student, and especially a new one, would earn per month. This largely depends upon his individual application and energy. All can earn something each month, while the most industrious and energetic student will regularly earn more than his expenses.

Students, upon their arrival in Greensboro, must report immediately to the President for a permit for examination and registration.

Each student upon applying for admission, will be required to sign a pledge, binding obedience to the rules of the College. Parents and guardians are particularly requested to examine our Rules and Regulations, to be found on another page of this catalogue.

It will be the purpose of the College to maintain a high

moral tone and to develop a broad, tolerant religious spirit among the students. In this connection there is a well-organized Y. M. C. A., which meets twice a week for song and praise. A special service will be conducted in the chapel each Sunday by pastors representing the different denominations of the city. All religious services will be free from sectarianism.

There are two literary societies, which greatly stimulate the development of character and the training of the intellect. These offer facilities for practice in debate, oratory, declamation and essay writing; the members become practically familiar with parliamentary law and usage. The faculty, by presence and advice, will seek to encourage these societies. Membership in one or the other of these societies will be compulsory. The Faculty will also encourage the organization of technical societies, in which special objects in connection with agriculture, mechanics and chemistry, will be considered in a manner conducive to independent thought and research.

Students whose parents or guardians do not live in Greensboro or its immediate vicinity, will be required to room and board in the College—except when the consent of the Faculty has been secured by the written request of the parent or guardian. Consent will only be given, however, when the judgment of the Faculty directs that it can be done, with safety; as the College cannot, nor does it desire to, wholly rid itself of the responsibility out of school hours of the conduct of students who do not room and board in the College.

Members of the Sophomore, Junior and Senior classes who lodge at the College will not be allowed to work in the city except in the employment of the College.

The *industrial* part of each course of instruction applies to all students, *and none will be excused therefrom.*

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#### INDUSTRIAL MUSEUM.

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An Industrial Museum has been started and already valuable collections of work done by students are to be seen. We have collections representing the work in carpentry, black-

smithing, and the various trades; also specimens from the Agricultural, English and Dairy Departments. Such articles for exhibit are collected once every month.

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## RULES AND REGULATIONS.

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1. The signal for rising will be given at 5.45 a. m. Dressing and arranging rooms, 5.45 to 6 a. m. Prayer, 6.15. Breakfast, 7 to 7.30 a. m. Drill, 8 to 8.30. Chapel, 8.30 to 9 a. m. Morning session, 9 to 1 p. m. Dinner from 1.10 to 2 p. m. Afternoon session, 2 to 4 p. m. Recreation, 4 to 6 p. m. Supper, 6 to 6.30 p. m. Evening prayer, 6.40 to 6.55. Study, 7 to 9.30. Night school session, 7 to 9.30. Retiring signal, 9.45 p. m.

2. Strict attention must be given to cleanliness and deportment. Each student is required to keep his room in good order and subject to inspection at any time, and to conduct himself at all times in a gentlemanly manner. To attain and maintain a high moral standard is one of the prime objects of this institution, and any student known to have vicious habits or indulge in vulgar language will be deemed an unfit associate and will be expelled from the College. Untruthfulness or dishonesty in any form will not be tolerated. Students guilty of such offences will be promptly dismissed.

3. Students shall promptly attend prayers and chapel services and all specific recreations, class and instruction work. Tardiness, or absence from these duties, will, when not excused, subject a student to demerits. Loitering within the main building by the students is prohibited.

4. Students who interrupt the quiet and order of College life by noises in or near the buildings or who commit intentional damage to College property, or who make nuisance by throwing slops near the buildings or otherwise, will not be allowed to room on the grounds.

5. Students who persistently absent themselves from chapel and class work, or who persistently neglect college duties, or who absent themselves from College grounds contrary to Rules

and Regulations, are not regarded as desirable companions for industrious meritorious students, and will not be allowed to continue as students in the College.

6. Students must attend some church on Sunday morning. Parents or guardians should designate to the President of the College what church they wish their sons or wards to attend.

7. Any student shooting or having on his person, in his room, or on the College premises, rifles, spring guns, fire arms or deadly weapons of any kind whatsoever will be dismissed.

8. The use of tobacco, spirits, malt or vinous liquors in any form by the students is prohibited. Students are forbidden to enter any disreputable house, including places where intoxicants are sold, while absent from the College grounds.

9. Students are forbidden to go upon the roofs of buildings, or to enter or depart from buildings through windows, and they are also forbidden to enter the kitchen store-rooms or pantry. Students are prohibited from entering the dining-room, except at meal time.

10. Strict discipline will be enforced in the dining room during meals. Students guilty of ill-mannered conduct in act or speech will be removed from the dining-room and punished for insubordination.

11. Students are forbidden to receive visitors in the dormitory building.

12. At all times the students shall deport and express themselves respectfully toward the Faculty and every member of it and also toward their fellow students. Any deficiency in this particular will be punished. A student failing to respond to any reasonable demands by any member of the Faculty shall be held guilty of contempt and punished accordingly.

13. No students will be retained after he has received thirty-four demerits in any one term of a session.

14. Every new student must be vaccinated before entrance, or present a doctor's certificate showing that he has been successfully vaccinated within two years.

15. A student cannot remain in good standing in any department when dismissed from another.



16. No diplomas shall be given to any student who is in debt to the College.

17. Any student found guilty of any species of dishonesty shall be dismissed or expelled, at the discretion of the Faculty.

18. Any student absenting himself from class one-third of the time during any month, without excuse, shall be dismissed.

19. Students are not permitted to walk on grass plots and will be demerited for this offence.

By order of

THE BOARD OF TRUSTEES.

## ENGLISH COURSE.

### PREPARATORY CLASS.

Fall Term:—Parts of Speech, Simple Sentences with Subject, Predicate, and Object, Dictation and Transcription. Spelling.

Winter Term:—Parsing, Inflections of Nouns and Pronouns, Verbs, Adjectives, Adverbs, Reproduction of Easy Narratives, Spelling.

Spring Term:—Parsing and Analysis, Turning outlines into continuous narratives, Punctuation. Stories from Hawthorne. Spelling.

### FIRST YEAR CLASS.

Fall Term:—Advanced Grammar, Use of Capitals, the Paragraph, Conjunction, Origin and Derivation of Words, Punctuation, Stories in Verse to be turned into prose, Easy Essays, Spelling.

Winter Term:—Letters, Use of Capitals, Essays, Concord. Spelling.

Spring Term:—Word Building, the Paragraph, Origin and Derivation of Words, Review of Grammar. Spelling.

### SECOND YEAR CLASS.

Fall Term:—Rhetoric, Advanced Parsing and Analysis, Essays.

Winter Term:—Rhetoric, Advanced Parsing and Analysis, Essays.

Spring Term:—Rhetoric, Advanced Parsing and Analysis, Essays, Commercial Correspondence. (Dunbar, Washington Irving.)

#### THIRD YEAR CLASS.

Fall Term:—History of the English Language, Composition Work.

Winter Term:—Prefixes and Suffixes, Roots, Derivations, Composition.

Spring Term:—Prosody. Longfellow, Poe, Whittier, etc. Goldsmith. Paraphrasing.

#### FOURTH YEAR CLASS.

Fall Term:—Advanced Essay, Logic, Reading of any one play of Shakespeare.

Winter Term:—Essay, Edmund Burke on Reconciliation, Political Economy.

Spring Term:—Essays, Reading of Best American and Foreign Authors. A composition on your favorite author.

### HISTORY.

#### PREPARATORY CLASS.

The leading facts, causes and sequences showing growth of our country and national history will be studied with a view to develop patriotism.

#### FIRST YEAR CLASS.

History of North Carolina and General History.

### GEOGRAPHY.

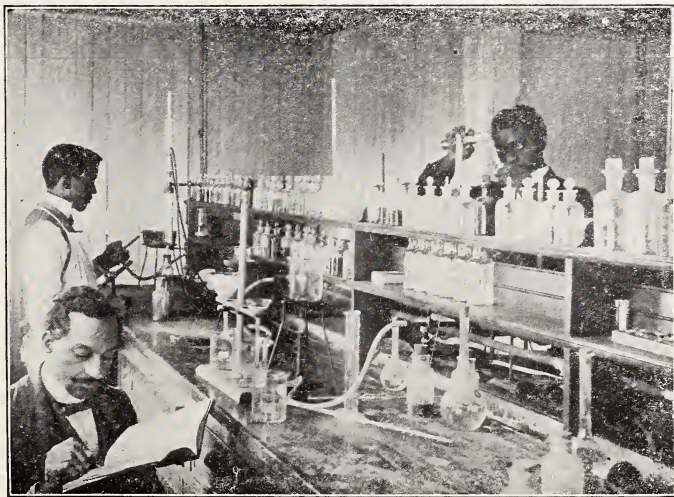
Fall:—United States, British America, Mexico, Central America, West Indies and South America.

Winter:—Europe and Asia.

Spring:—Africa, Australia and Oceania with general review.



Class in General Chemistry.



Soil and Fodder Analysis.





**ARITHMETIC.**

Fall:—Simple Rules and Problems; Decimal Fraction.

Winter:—Common Fractions, Compound Numbers, Equations.

Spring:—Metric System, Practical Measurements.

**BOOKKEEPING AND BUSINESS LAWS.****SECOND YEAR.**

Fall:—Double Entry—Study of Debits and Credits, Study of the various accounts, Capital, Cash, Merchandise, Personal, Profit and Loss, Journal, Ledger and Trial Balance Books, Balancing and Closing of Accounts. Commercial Correspondence—Study of Business Papers and Letters, Modes and Forms of Expressions, Instruction as to Filing Letters and Papers.

Winter:—Posting, Ruling, Balance Sheet, Pass Book, Writing Checks, Closing Ledger, Partnership, Exercises in Commercial Correspondence.

Spring:—Closing out of a Business. Resources and Liabilities, Commercial Law and Business Papers. Contracts—Construction, Arrangements, Essential Elements, Persons Competent to Make Contracts. Partnership—Advantages and Disadvantages, Rights, Duties. Corporations—Powers and Liabilities, Advantages, Formation, Laws governing Them. Agency—How Created, Principal—His Duties, Rights and Liabilities; Agent—His Duties, Rights and Liabilities. Negotiable Papers—Notes, Bonds, Money Orders, Drafts, Endorsements, Protest, Duties of Holder. Legal Papers—Deeds, Deeds of Trust, Mortgages, General Principles governing same.

Text Book for Bookkeeping—The Twentieth Century Bookkeeping and Office Practice, J. W. Baker, Knoxville, Tenn. Practical Law. Ellis Publishing Co.

**CIVICS.****FOURTH YEAR.**

Constitution of the United States and of North Carolina, General Duties and Responsibilities of Citizenship, etc.

## DEPARTMENT OF AGRICULTURE AND CHEMISTRY.

J. H. BLUFORD, *Head of Department.*W. F. ROBINSON, *Florist and Assistant.*

There are two courses in Agriculture—a four-year graded course leading to the degree of Bachelor of Agricultural Science and a two-year course leading to a certificate. The four-year course is designed to give the student a well-rounded education combined with technical and practical instruction. The two-year course is designed especially for the need of those students who have little time to spend in school and wish to get only such instruction as bears directly on their chosen vocation.

All our class-room work finds its complement either in the field, the garden, the green-house, the orchard, the barn, the dairy, or the chemical laboratory.

## EQUIPMENT.

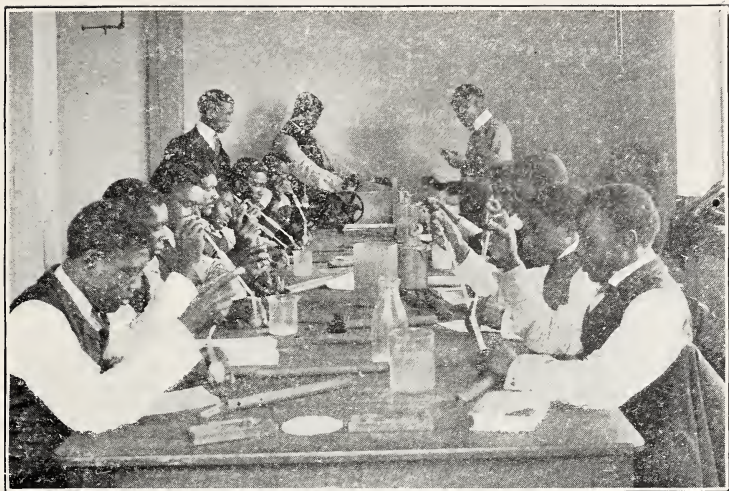
Recognizing the importance of good farm machinery and labor-saving devices, the College has purchased and received as donations from a number of firms a considerable amount of farm machinery, such as different kinds of plows, harrows, cultivators, a seed drill with a fertilizer attachment, a corn harvester, and various tools and machines for market gardening.

The dairy is well equipped with modern apparatus for butter making, such as United States Cream Separator, De Laval Separator, seven Acme Bail Churns, one Davis Swing Churn, seven Lever Butter Workers, one Eclipse Refrigerator, a Boyd Cream Ripening Vat, a Babcock Milk Testing Machine, Aerator, etc., thus enabling us to offer the very best course in butter making. We have recently added apparatus and utensils for cheese making for home consumption.

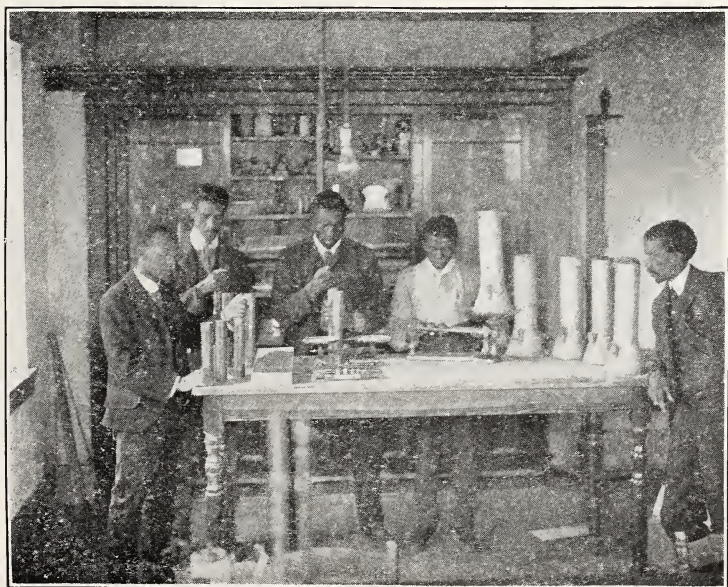
A ninety-ton silo has also been erected for which silage is raised every year. A St. Alban's Shredder is used for cutting up the ensilage and a corn harvester is used for cutting the corn in the field.

The farm is stocked with a good herd of milch cows.

Different crops such as wheat, oats, cow peas, sugar beets, sorghum, millet, mangel wutzel, potatoes, alfalfa, tobacco, cot-



Milk Testing.



Class in Soil Physics.





ton, rape, vetch, clover, and various other forage crops, are grown on the farm, and the student obtains practical experience in the cultivation of such crops with the latest and best farm machinery.

Experiments are also being carried on, on the farm, illustrating the effect of different methods of cultivation and fertilization of several crops. Variety tests are also made. This experiment work is carried on by the students in the advanced classes.

The green-house is maintained to aid the student in the study of Botany and care of flowers. Instruction is also given in the management of a green-house on a commercial scale.

Market gardening is practised on a small scale for the purpose of giving the student practice in the management of early truck lands.

The chemical laboratory is well equipped with suitable apparatus and necessary chemicals for the study of general as well as agricultural chemistry.

Among the most expensive apparatus may be mentioned Hoffman's apparatus for decomposition and recombination of water, fat extraction apparatus, chemical balances, soil analysis apparatus, hot plates, copper, air and water baths, apparatus for analysis of baking powders, water analysis, etc.

In short, the equipment of the department is first-class in every respect, and in some lines it is perhaps second to that of no other institution in the State.

While the equipment for the work in Physics is not so complete as that in Chemistry, the Department has made and purchased sufficient apparatus to illustrate on the lecture table the more important laws of Physical Science. The equipment consists of a Lever Air Pump with oxydized brass barrel and accessories, an Atwood's machine, Port Lummere and Stereoptican for projection work, a set of Vacuum and Spectrum Geissler tubes containing residuum gases. Ruhmkorff Induction coil, a Hoffman's Graduated Eudiometer, an assortment of batteries and Leyden jars for induction and distribution of electricity, compound microscopes, pulleys, balances, pumps,

sonometer and a general assortment of lecture table apparatus. The lecture room can be made dark at any time for illustration with the stereopticon or Port Lummere. The lecture table is fitted with water, gas and electricity.

The department has recently purchased some of the latest apparatus for Soil Physics which includes a ball-bearing balance, 50 cc. flasks with ground glass stoppers drawn out to an open capillary tube for specific gravity work; brass tubes  $12\frac{1}{2} \times 1\frac{7}{8}$  inches inside measurement for the determination of volume weight, apparent specific gravity and porosity of soils, apparatus to determine the power of loose and compact soils to retain moisture a set of brass tubes  $16 \times 1\frac{7}{8}$  inches inside measurement to show the rate of percolation of water through soils; a set of galvanized iron cylinders set in water jackets to show the effect of mulches or evaporation of water from soil; and a set of five glass tubes,  $30 \times 1\frac{7}{8}$  inches inside measurement, for determining the capillary attraction of soils.

A detailed description of the courses offered by this department follows:

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#### A.—PRACTICAL HORTICULTURE.

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FALL TERM—W. F. ROBINSON.

I.—GREENHOUSE MANAGEMENT. Two hours. Required Course  
III. English. First year students.

Practical work is given in the care and management of greenhouses. Students are required to grow and care for various flowers, such as carnations, roses, hyacinths, freesias, narcissus, etc., as well as various foliage plants, like ferns and palms.

WINTER TERM—W. F. ROBINSON.

II.—PROPAGATION OF PLANTS. Two hours. Required Courses  
I. Industrial and III. English. Given alternately with  
Course III.

Practice is given in making cuttings, in pottings, rooting, grafting, budding, etc. The student is also taught how to prepare various fungicides and insecticides, how and when to apply them.



Stock Judging.

*J. W. H. H. H.*





SPRING TERM—W. F. ROBINSON.

III.—MARKET GARDENING. Three hours. Required Courses I. Industrial and III. English.

Practice is given in transplanting plants from the greenhouse or cold frames to the field. Attention is also given to raising early vegetables on a commercial scale.

WINTER TERM—C. N. M'CUNE.

II.—MILK AND CREAM TESTING. Four hours. Required Course III. English.

The student is taught how to test milk and cream; he is made familiar with the Babcock test for fat; he is also expected to test milk for adulterants, determine its specific gravity, total solids, the amount of water it contains, and is required to make at least two tests of each cow in the herd. He also becomes expert in testing cream for acidity according to, at least, two methods.

Lectures and recitation work will be given on the composition, secretion and production of milk.

FALL TERM—C. N. M'CUNE.

III.—BUTTER MAKING. Four hours. Required Courses II. Industrial and III. English.

Thorough drill is given in butter-making according to the most improved methods. Considerable drill is also given in making neat and attractive packages, in storing and scoring butter, ripening cream, etc.

SPRING TERM—C. N. M'CUNE.

IV.—MANAGEMENT OF DAIRY. Three hours. Required Courses III. Industrial and III. English, I. and II.

The student is expected to go into the dairy and take charge of the work under the supervision of the instructor. He receives instruction in the care and management of separators and obtains more practice in butter-making.

## B.—AGRICULTURE.

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FALL TERM—J. H. BLUFORD.

I.—ELEMENTARY PRINCIPLE OF AGRICULTURE. Three hours.  
Open to all. Daily.

This term's work is designed to give the student a bird's-eye view of the whole field of agriculture in an elementary way. It will be freely illustrated by experiments. Text: Elementary Agriculture, Burkett, Stevens and Hill.

FALL TERM—W. F. ROBINSON.

II.—PHYSIOLOGY. Six hours.

In addition to recitation work, the student is required to cut up one or more animals and study the various organs in detail. Text: Hutchinson's Physiology and Hygiene.

SPRING TERM—J. H. BLUFORD.

III.—PHYSICAL GEOGRAPHY. Six hours. Open to all.

The course is illustrated by means of lantern slides and experiments. Text: Tarr's Physical Geography.

FALL TERM.

IV.—BREEDING. Six hours. Required Courses III. English and II. Agriculture.

Such subjects as atavism, variation, selection, heredity line breeding in and inbreeding are discussed. Collateral reading required. Text: Breeding.—*Shaw*.

FALL TERM.

VII.—ENTOMOLOGY. Six hours. Required Courses II. Horticulture and VI. English.

The subject is taught by means of lectures and the student is required to read upon topics assigned him by the instructor. The most common insects and insectitudes are studied.

SPRING TERM—W. F. ROBINSON.

V.—BACTERIOLOGY. Six hours. Required Courses II. Horticulture and Chemistry.

Lectures are given on the nature of bacteria, their relation to other plants, supplemented by laboratory work.

SPRING TERM—W. F. ROBINSON.

VII.—FORAGE. Three hours. Required Course VI. English.

Lectures are given on the adaptability of the various crops that can be successfully and profitably grown in North Carolina to special soils, methods and seeding; preparation of seed bed and pasturing are also discussed. Collateral reading required.

SPRING TERM—J. H. BLUFORD.

IX.—PLANT DISEASES. Three hours. Required Course VII. Agriculture.

Lectures and laboratory work. Common diseases, such as the cereal nests and insects; diseases of cotton, tobacco and fruit trees are studied with the aid of the compound microscope.

WINTER TERM—J. H. BLUFORD.

X.—FEEDING. Five hours. Required Courses III. Agriculture and V. and VI. Chemistry.

The laws of nutrition and the composition of animal bodies are briefly discussed. The composition and digestibility, market and food value of the various food stuffs are discussed. Nutritive ratios and the practical application of same in compounding rations for the various farm animals are carefully considered. Collateral reading required. Text: *Feeding of Animals.—Jordan.*

FALL TERM.

XI.—VETERINARY SCIENCE. Four hours. Required Course XI. Agriculture.

The common diseases of farm animals are briefly discussed, together with remedies for same. Some practical work in caring for sick animals is also provided the student. Text: *Veterinary Elements.—Hopkins.*

SPRING TERM—J. H. BLUFORD.

XII.—METEOROLOGY. Two credits. Required Course XII. Agriculture.

Movements of the atmosphere, character of wind, cyclones, tornadoes, thunderstorms, and weather forecasting are discussed.

## C.—PHYSICS.

J. H. BLUFORD, *Instructor.*

I.—Three hours. Course III. Mathematics required.

The work of the first term consists of five lectures and recitations per week, the subject covered being Mechanics, Hydraulics, Hydrostatics and Pneumatics. The lectures are fully illustrated, and the practical applications of principles clearly pointed out. Full notes are required, and also some reference work.

II.—HEAT, MAGNETISM AND ELECTRICITY. Three hours. Course I. Physics desired. Course IV. Mathematics.

These subjects are discussed in an elementary way, and the fundamental principles are illustrated.

Practical work is done in wiring and hanging electric bells. Special attention is given to the various kinds of galvanic cells, their uses and relative values. The course is made as practical as possible, so that a student on leaving the college can take up the work of electrician.

III.—SOUND AND LIGHT. Three hours. Course II. desired, V. Mathematics.

This is a continuation of Courses I. and II. and the same methods are adopted. Sound is treated briefly, but Light is given a greater proportion of time so as to familiarize the student with the construction and mechanism of the most important optical instruments and the part played by it in animal and vegetable growth.

IV.—AGRICULTURAL PHYSICS. Five credits. Required Courses III. Physics and V. Chemistry and I. Mechanics.

The power of soils to retain moisture, effect of deep and shallow cultivation, methods of constructing farm buildings, ventilation, road making, draft of wagons and plows, etc., are fully discussed. Text: *Agricultural Physics.—King.*

V.—PHYSICAL LABORATORY WORK. Three hours. Courses I., II. and III. required.

This work is designed to fix the principles learned in the

previous lectures firmly in mind by performing the experiments used on the lecture table.

Subjects: Mechanics of Masses, Liquids, Gases, Heat, and Electrical Measurements.

VI.—AGRICULTURAL PHYSICS LABORATORY WORK. Two hours. Courses I., II. and III. required.

This course will accompany Course IV. with detailed experiments to show the rate of percolation of water through soils; capillary attraction; effect of different kinds of mulches; determination of specific gravity and specific heat; and the mechanical analysis of soils. The department has been recently equipped with the latest apparatus for soil work.

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#### D.—HORTICULTURE.

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SPRING TERM—J. H. BLUFORD AND W. F. ROBINSON.

I.—BOTANY. Five credits. Desired Course I. Horticulture.

Such subjects as how the plant takes up food from the soil and the atmosphere; the effect of sunlight, air and moisture on plants are noted, diseases of plants and remedies for same are discussed in an elementary way. Given in connection with Course I. Agriculture. Text: Elementary Botany.—*Bailey*.

WINTER TERM—W. F. ROBINSON.

III.—PROPAGATION OF PLANTS. Three credits.

Method of propagating plants by cutting, stalons, suckers, layering seed, etc., are discussed. The principles underlying budding, grafting and pruning are also discussed. Text: Principles of Plant Culture.—*Goff*.

WINTER TERM—W. F. ROBINSON.

IV.—SMALL FRUIT CULTURE. Two credits. Required Courses III. Horticulture and III. English.

Methods of propagating and cultivating various kinds of small fruit are discussed, together with the preparation of soil for same.



SPRING TERM—W. F. ROBINSON.

V.—MARKET GARDENING. Three credits. Required Course IV. Horticulture.

A study of the different crops adapted to market gardening and adapted to North Carolina is made. Construction and management of hot beds, cold frames, special fertilizers for vegetable crops, packing, shipping and marketing are also considered. Text: Vegetable Gardening.—*Bailey*.

SPRING TERM—W. F. ROBINSON.

VI.—POMOLOGY. Two credits. Required Courses IV. Horticulture and VI. English.

Planting of fruit trees, tilling and fertilizing fruit lands. Planting and caring for orchard, picking, packing, storing and shipping fruit are discussed. Text: Fruit Growing.—*Bailey*.

WINTER TERM—W. F. ROBINSON.

VIII.—LANDSCAPE GARDENING. Two credits. Required Course VI. Horticulture.

Principles of embellishing landscapes, planting and management of woodlands, management of forests are discussed. Text: Landscape Gardening.—*Maynard*.

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E.—CHEMISTRY.

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WINTER TERM—J. H. BLUFORD.

I.—GENERAL CHEMISTRY. Three credits. Required Course II. Physics.

Lectures are given on general chemistry, and experiments are performed before the students in the lecture rooms, which bear directly on and pave the way for Agricultural Chemistry.

SPRING TERM—J. H. BLUFORD.

II.—GENERAL CHEMISTRY. Three credits. Required Course I. Chemistry.

Lectures and laboratory work. The student goes into the laboratory and carries on experiments for himself, illustrating

the principles he has learned in the lecture room. Text: Mimeographed Notes.

FALL TERM—J. H. BLUFORD.

III.—QUALITATIVE ANALYSIS. Three credits. Required Course  
II. Chemistry.

Laboratory work. During this term the student becomes familiar with testing and especially the elements which enter into the composition of plant and animal life.

WINTER TERM—J. H. BLUFORD.

IV.—QUALITATIVE ANALYSIS. Two credits. Required Course  
III. Chemistry.

Laboratory work. Qualitative analysis completed, acids. Text: Appleton's Qualitative Analysis.

SPRING TERM—J. H. BLUFORD.

V.—AGRICULTURAL CHEMISTRY. Two credits. Required Course  
IV. Chemistry.

Lectures on the chemical composition of soils, plants and animals. The function of the various elements necessary for plant growth, and the various compounds for animal nutrition are discussed.

FALL TERM—J. H. BLUFORD.

VI.—QUANTITATIVE ANALYSIS. Five Credits. Required Course  
IV. Chemistry.

Instruction is given in the analysis of soils, fertilizers and feeding stuffs, the object to acquaint the student with the chemical composition of soils, fertilizers and feeding stuffs, so that he may intelligently make use of reports and bulletins of experiment stations dealing with the chemical composition of various agricultural products.

SPRING TERM—J. H. BLUFORD.

VII.—ANIMAL TOXICOLOGY. Two credits. Required Courses  
I., II., III. and IV. Chemistry.

Lectures are given on the poisonous plants and insects injurious to stock; the symptoms of poisoning; the pigments, insecticides, matches and vermin poison; the sources, elimination, and antidotes of stock poison, etc.

DEPARTMENT OF MECHANICS.

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Chas. W. Pierce, *Head of Department.*

W. H. Green, *Assistant and Instructor.*

W. N. Nelson, *Instr. in Carpentry.*

Wm. Yates, *Instr. in Tinsmithing.*

Chas. C. Amey, *Instr. in Blacksmithing.*

R. L. Page, *Instr. in Masonry.*

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From the beginning of the first year the students' time is spent in the lecture room, draughting rooms and shops. Students will be given an opportunity of visiting the various manufactories of the vicinity and the practical application of lectures pointed out.

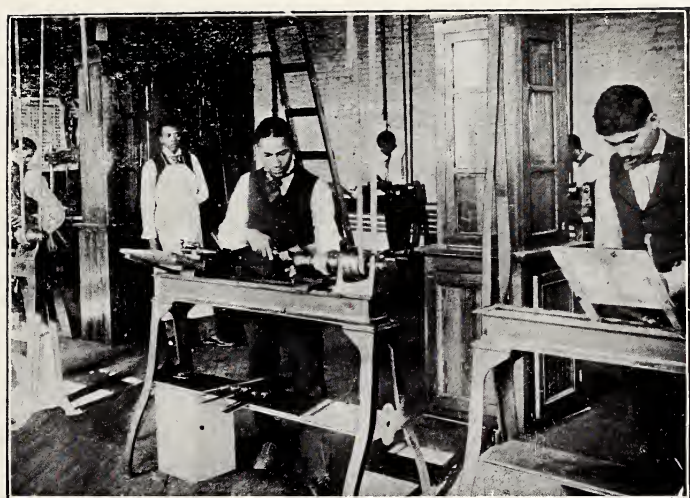
The first two years in this department may be strictly a trade school. The first and second year student's may, therefore, select the special line they wish to pursue and will be required to continue in that special work during the two years. After that time, those wishing to graduate from the institution will be given an opportunity for instruction in the other shops and will perfect themselves in mathematics, science and drawing.

Students who have not decided upon a trade, but who expect to take the full course, will pass from one shop to another spending a term in each for the first two years and the remaining two years will be spent in such special work as they may select.

## EQUIPMENT.

Building—Two story brick structure, with basement. On first floor are: Joinery, wood-turning shop, tin shop, machine shop, and model room; in basement are: Blacksmith shop, brick-masonry shop, wood-working shop and engine room, etc.

The Reading Room is provided with Books of Reference, and Technical Journals. Equipment in Drawing consists of tables, drawing board and T squares. Students will provide themselves with instruments. These can be purchased at very low rates from the department. Paper, pencil, ink and set of drawing tools may be rented for 75c. per term, payable in advance.



Wood Turning.





A dynamo has been installed and is used for experimental purposes and for lighting the shops. A Central Heating Plant has recently been put in the Mechanical Building. This furnishes opportunity to study the operations of the most improved steam heating system. Instruction in the following trades has been provided:

Architecture, Blacksmithing and General Repairing, Tin-smithing, Wood-turning, Bricklaying and Plastering.

#### SUBJECTS OF INSTRUCTION.

##### I.—FREEHAND DRAWING.

The course in Freehand Drawing is thoroughly practical and aims to cultivate the sense of proportion, to teach the student to read drawings of the shops and to give the student facility in sketching. The drawing is largely from blocks, machine parts, and simple objects in line, light and shade. Throughout the Freshman year, two-hour periods twice per week.

##### II.—MECHANICAL DRAWING.

The first term of the course is intended to give the students a knowledge of the use of instruments. In the second term the student is given such geometrical constructions and principles of projections as are necessary in machine drawing. Practice is also given in inking, shading, tracing and lettering. Throughout the Sophomore year four hours per week.

##### III.—MACHINE DRAWING.

The student prepares for machine design by familiarizing himself with the proportions and the arrangement of various machines and their parts. The student begins with the work of dimensioning of elementary machine parts from sketches in magazines, text books and of machines of the shops. This leads gradually to the making of working drawings of machines. Through the Fall and Winter terms, two-hour periods twice per week for the Engineering and Trade courses and one two-hour period for the Engineering course during the Spring term of the Junior year.

#### IV.—MACHINE DRAWING AND DESIGN.

At first the student is taught the design of tools and machines by having him consult freely the trade catalogues, and the working drawings of manufacturing concerns. One two-hour period through the second term of the Senior year. In addition to the machine drawing the students are given a brief outline of the various principles of mechanics. The necessary theory for proportioning screws, bolts, keys, cutters, shafting, couplings, hangers, belts and rope drives, friction and tooth gearing and engine parts are given.

#### V.—PERSPECTIVE DRAWING.

Lectures and exercises are given two one-hour periods during the first term of the Freshman year.

#### VI.—DESCRIPTIVE GEOMETRY.

This subject is taught in the class room and is followed in the drafting room by problems and practical applications. One lecture and one two-hour period during the third term of Junior year.

#### VII.—TOOLS AND MACHINES.

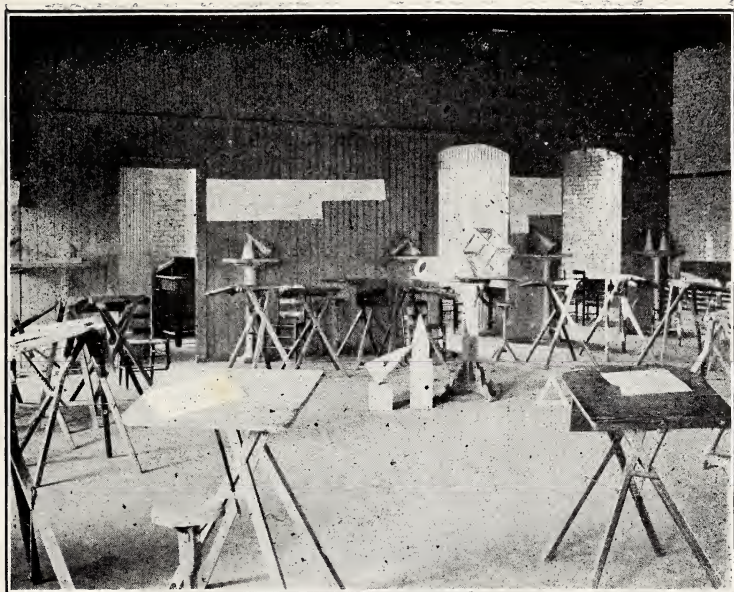
Lectures are given to the student upon the care of tools and the operation of the principal machines used in various shops. Two one-hour lectures during the first and second terms of the Sophomore year.

#### VIII.—MATERIALS.

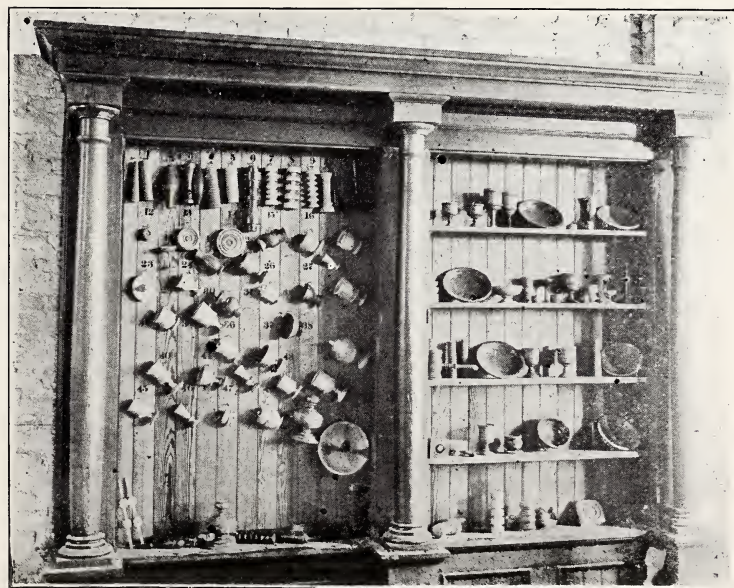
The student is given the principal materials that are used in building construction and in machine construction, their uses, strength and general characteristics are discussed. The course is given in three one-hour periods during the first and second terms.

#### IX.—STRENGTH OF MATERIALS.

A review of the principles of mechanics applicable to the strength of materials at rupture, the methods of manufacture, the methods of testing. The mechanical theory of the subject



Free Hand Drawing.



Specimens of Wood Work,



is mainly discussed. Two one-hour periods during first term of Senior year.

#### X.—GRAPHIC STATICS.

Determination of stresses in framed structures by graphical methods. One two-hour period of lecture and draughting practice during the first term of the Senior year.

#### XI.—HYDRAULICS.

Hydrostatics and the flow of water over weirs, and through orifices, pipes, and open channels. Two one-hour periods during second term of Senior year.

#### XII.—APPLIED THERMODYNAMICS.

This course covers those principles of the mechanical theory of heat which are essential to the study of the various kinds of heat engines. Two one-hour periods during the third term of the Senior year.

#### XIII.—SURVEYING.

The work of the class room covers the description of the use of the chain or tape in measuring line areas, the use of the compass, and the use and adjustment of the engineer's transit and wye level. The class is divided into field parties and practice is given in distances, land surveying with the tape alone and also with the compass or transit. The student is required to make a topographical drawing of some plot from notes obtained with the surveying instruments. One two-hour period during third term of the Senior year.

#### XIV.—METALLURGY.

The principles of Chemistry are chiefly applied to the composition and methods of analysis of the materials of the greatest importance in engineering. One two-hour period during the entire Sophomore year.

#### XVI.—INDUSTRIAL CHEMISTRY.—(Organic.)

Raw materials and finished products are analyzed. Especial attention is given to the utilization of manufacturing by pro-



ducts. One lecture per week during the Junior year, and two hours per week during the second and third terms of the Senior year.

#### XVI.—ENGINEERING CHEMISTRY.

The principle subjects dealt with in the lecture and laboratory are: Boiler feed, analysis of various fuels, the manufacture and analysis of fuel gases, the engineering tests of lubricating oils. Two two-hour periods of laboratory and lectures during first two terms of Senior year.

#### XVII.—STEAM BOILERS.

A descriptive study of the various types and makes of steam generators in common use and the adaptability of each type to special localities; combustion of fuels, boiler settings, boiler accessories, legal requirements. The study covers the entire Sophomore year with two one-hour periods.

#### XVIII.—BOILER-FIRING PRACTICE.

During the second term of the Sophomore year each student is required to work two hours per week firing the boilers of the heating plant.

#### XIX.—STEAM ENGINES.

The following subjects are treated: Types—simple, compound and triple expansion, automatic, rotary and turbines; care and management; indicators, indicated and brake horse power. Steam pumps are also considered in connection with steam engines. Two-hour period throughout the Junior year.

#### XX.—STEAM ENGINE DESIGN.

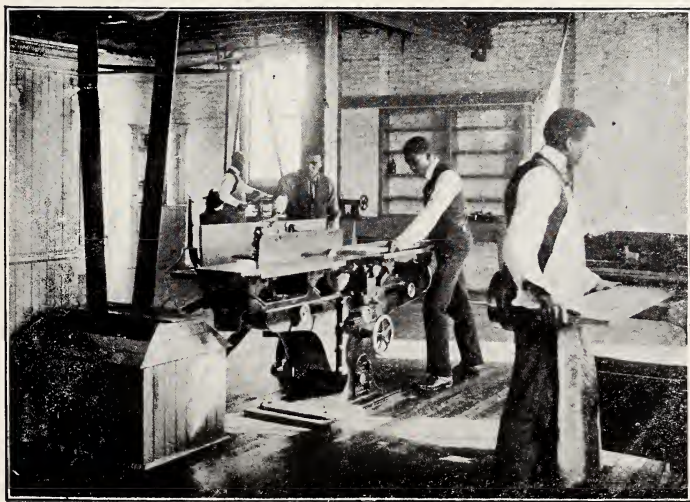
During the first term of the Senior year the student is required to design a small steam engine of not less than 25 h. p.

#### XXI.—CENTRAL STATION PRACTICE.

The student is required to run the power plant of the college two hours per week during the second term of the Senior year.



Blacksmith Shop.



Power Wood Shop.



## XXII.—POWER PLANT INSPECTION.

Inspection visits are made to the various power plants of the immediate vicinity with the view of pointing out to the student the most important features. Notes are taken by the student and a paper is written of the visit and presented to the instructor. One two-hour period during the second term of the Senior year.

## XXIII.—POWER PLANT DESIGN.

During the third term of the Senior year the student makes a complete design of a power plant, showing position of engines, boiler, pumps, and the most important features. One two-hour period.

## XXIV.—ELECTRICITY.

This subject is begun in the Sophomore year with lectures and includes the practical application of electricity for power and lights. During the first and second term of the Junior year the student does laboratory work, which is at first elementary in character, with a view of initiating the student into the methods of connecting circuits, the making of measurements and the use of common apparatus and instruments. During the first and second terms of the Senior year the student is taught the care, management and test for the various electrical machines used.

## XXV.—ELECTRIC WIRING.

This subject is considered with the view of familiarizing the student with the rules of the National Board of Fire Underwriters for the installation of electric wires in buildings. Two one-hour periods during the third term of the Sophomore year.

## XXVI.—HEATING AND VENTILATING.

The course comprises lectures upon the various methods of heating and ventilating buildings. The systems of heating are developed from the fireplace to the most modern systems of the day. In connection with the course the student may take

practical work in steam-fitting and tin work adapted to furnaces and stoves. Three one-hour periods during the first and second terms.

#### XXVII.—PLUMBING.

In this course instruction is given in the methods of disposing of house waste and storm water, the proper size of house connections, the grades, the necessity of ventilation, the arrangement of plumbing fixtures, and the drainage of foundation and subsoil. Two one-hour lectures during the third term of the Junior year.

#### XXVIII.—ELECTRICAL ENGINEERING.

The instruction covers the installation, operation and care of electrical machinery. One Laboratory practice during the first and second term of the Senior year.

#### XXIX.—BUSINESS LAW.

Lectures are given to the student which are intended to cover the laws governing ordinary business transactions. The following subjects are treated: Contracts, Sales, Negotiable Instruments, Real Estate, Partnership, Corporations. (One lecture per week during first term of Senior year.)

#### XXX.—THESIS.

The student is required to do some original work along some line approved by the Head of the Department and submit the same before receiving his degree.

### ARCHITECTURE.

#### I.—HISTORY OF ARCHITECTURE.

The evolution of the Art of Building is considered and the artistic achievement—planning, decoration of each of the periods is studied with reference to its structural methods, materials, and conditions. (One lecture per week during the first two terms.)





Class in Carpentry



Home of Mr. E. N. Williams, Fayetteville, N. C., constructed by Mr. Chas. Gill, an Undergraduate of A. & M. College.



## II.—ELEMENTS OF AGRICULTURE AND ARCHITECTURAL DRAWING.

The student is given the classical orders to draw out in order to accustom his eye and mind to good architectural proportions. Great stress is laid on getting the student to the stage where he can draw well, be neat and exact in pencil, pen, and wash drawings. (Ten hours during the second term and twelve hours during the third term of the Senior year.)

## III.—ARCHITECTURAL DRAWING.

The problems of this year are given to teach the student to think and reason correctly. In the Senior year the problems become more extensive. The student is made acquainted with the principles underlying the design of different kinds of buildings and the various requirements for such design. (The work covers the Junior and Senior years.)

## IV.—PHOTOGRAPHY.

This work consists of practical amateur work in handling the camera, developing dry plates, blue printing and silver printing, and mounting of prints. The course is not intended to produce photographers, but is an adjunct to the Architectural work. (Two hours during first term of Junior year.)

## V.—ESTIMATES.

The student is taught to estimate the cost of the different buildings that he designs and various problems are given him in order to familiarize him with usual methods of making estimates. (Two one-hour periods during the first and second terms of Senior year.)

## VI.—SPECIFICATIONS.

The student is taught the requirements of a good specification. What should be included and what omitted. The relation of specification to working drawings. (One hour per week during the first term of Senior year.)

## VII.—LANDSCAPE DESIGN.

This work consists of properly laying off the grounds around

the buildings designed, including walks, trees and flowers and shrubbery. (Two hours per week during the second term of Senior year.)

#### VIII.—BUILDING SUPERINTENDENCE.

This subject is brought to the student because of its importance to the architect. The following subjects are treated: Selection of site, systematic plan of supervision, rejection of materials, space for materials, and the relation of the superintendent to the owner. (Two hours per week during second term of Junior year.)

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### SHOP WORK.

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#### CARPENTRY.

The course in carpentry is designed to cover four years. Each student is given instruction in house carpentry, shop carpentry, cabinet making, wood carving, wood turning and practice on wood-working machinery. During the first year the student is given exercises in planing, squaring, gauging, sawing, laying off lines and dimensions. The different joints of carpentry are made. In the second year, the student makes practical applications of the work of first year by making articles of furniture and of buildings.

During the third year practice on wood-working machinery, wood turning and wood carving are studied.

During the fourth year the student takes advanced lathe work, pattern work, cabinet work, veneering and polishing and construction work in carpentry.

#### UPHOLSTERING AND CABINET WORK—W. H. GREEN, INSTR.

1. Chair Caning.
  - 1a. Construction of Cane Seat Chairs.
2. Mattress Making.
  - 2a. Spring Mattresses.
3. French Seats.
  - 3a. How to make them.
  - 3b. Materials to use.



Tin Shop.





4. Varnishing and Polishing—French and American, and Materials to use as applied to furniture and pianos.
5. Staining and the Composition of Stains.
  - 5a. Water Stains and Oil Stains.
6. Draperies, and Their Construction, Including Shades, Awnings, Portiers, Slip Covers, etc.
7. Period Work and Antique Reproduction.

#### FORGING.

The full course covers four years. The student who takes the complete course does more of the regular exercises in up-setting, strapping, bending, twisting, cutting, punching and welding, annealing, tempering and case hardening than is required of the student who is pursuing the course in order to enter the machine shop for trade work. The trade student takes a course in horse shoeing and wheelwrighting before finishing the regular course.

#### MACHINIST TRADE.

The student who takes this course must take one year course in forging before he can enter. He shall bring to the shop a set of lathe tools, made by him in the forge shop. The student is taught the use of stock and die and the pipe machine in cutting pipe threads, chipping and filing, making, hardening, tempering and grinding of cutters, drills and tools, babbiting and brazing. He is given thorough instruction in the operation of the drilling machine, engine lathe, and the shaper. Before completing the trade each student is required to construct some machine or apparatus, as dynamo, gas engine, small milling machinery, lathe, steam engine or electrical measuring instrument. (The course covers three years.)

#### TIN SMITHING.

The student who takes sheet metal work must do considerable work in draughting patterns. The first year is devoted largely to familiarizing the student with the various tools, machines and materials used in the trade, and in cutting and plain soldering. During the second year sheet iron work is

introduced, also riveting, bending, guttering, making cans, cups, etc., from patterns.

During the third year the student is taught how to draft patterns and work from his own designs. He does work during the year in the following: Brazing cornice, stamping, joining cast iron, wrought iron, brass and lead pipes, furnace work, ornamental tin and exhibition work. (The course covers three years.)

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#### NIGHT SCHOOL COURSE.

The department will conduct a trade course for those students who come especially to learn trades. During the day the student will be given work in his trade, and at night he will be required to take academic work. Thirty hours per week will be required for trade work, and ten hours per week to Academic studies. The student will be paid for all productive work at the usual rate of from  $7\frac{1}{2}$  to  $12\frac{1}{2}$  cents per hour. A certificate will be granted upon the completion of a trade. From three to four years required.

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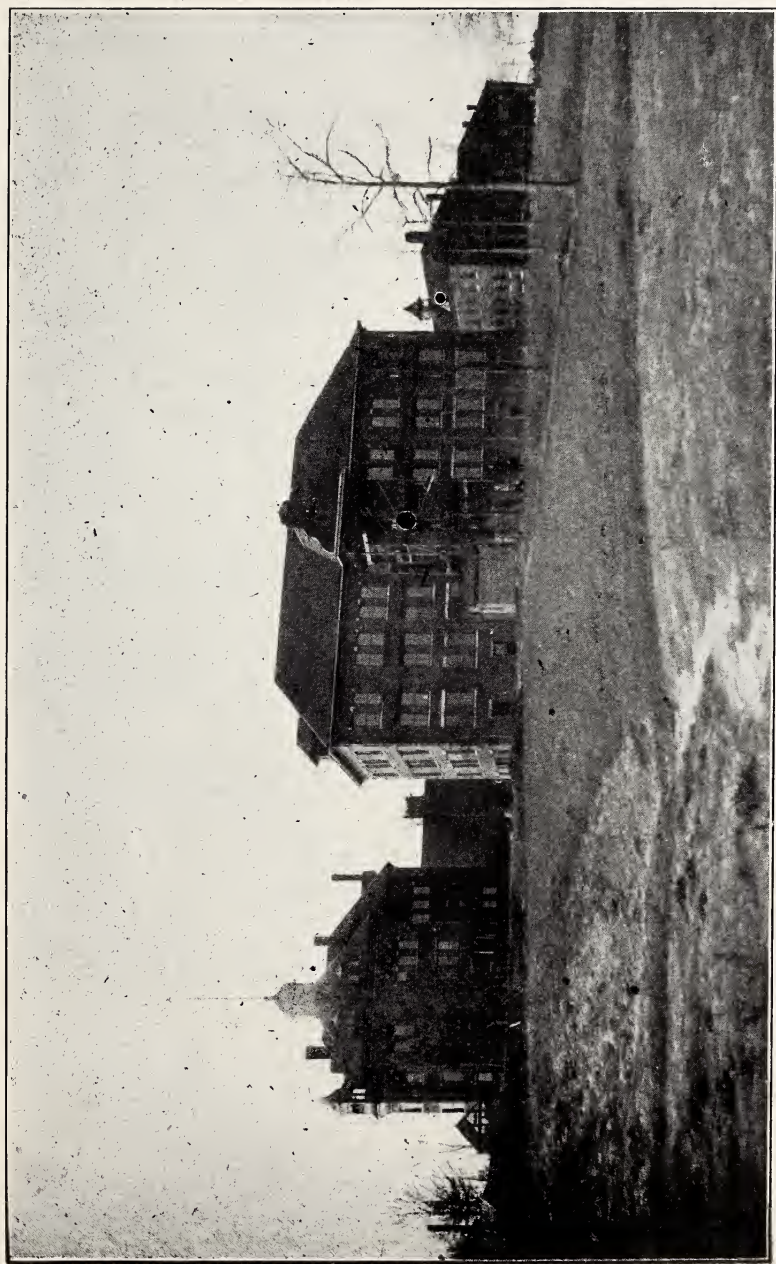
#### SPECIAL COURSES.

Special Courses are offered by the department in electrical wiring, boiler firing and engine practice, mechanical draughting, house planning or elementary architectural draughting and wood turning.

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#### BRICKLAYING AND PLASTERING.

Students who take in this trade will be required to work at least ten hours per week. Those who expect or desire to take the full course in Masonry will be required to serve six hours each day in the shop. They will be given four hours each week for drawing, which will bear as much as possible along the line of this trade.



Administration Building.

North Dormitory.

South Dormitory.

Mechanical Building.





This course will deal largely with plain house-building, walls, arches, chimneys, culverts, wells, etc.

The students will be taught the proper use of ordinary brick-layers' tools, the bond rod, laying headers, stretchers, walls with footings and projections, arches, circular, flat, elliptical and Gothic; setting door and window frames, bedding sills, lintels, plates, etc.; building chimneys and stacks, square, round and octagon; setting grates, heaters, and boilers, cabinet mantles, bathroom fixtures, tiling and running plain pressed brick fronts.

Plastering: The course in plastering is intended to be as nearly practical as possible; the class will be expected to keep in repair the dormitories and buildings of the College. Instruction will be given in the proper use of plasterers' tools, selection of sand, lime and hair; lathing and plastering walls and ceilings, plastering to grounds and to finish, sand, and float finish, skimming, white coating and kalsomining.

Whenever it is possible instruction will be given in cement work, laying granolithic pavements, steps, curbings, coves, hearths, etc.

Lectures will be given bearing on each of the subjects mentioned, estimating, building superintendence, and problems in practical measurements, will be given.

## ARITHMETIC.

### FIRST YEAR—FALL TERM.

I.—Six hours. Percentage, Interest, Stocks and Bonds. Proportioned parts, Partnership.

### WINTER TERM.

II.—Six hours. Powers and Roots, Mensuration, Compound Proportion, Exchange, Measures of Temperature, Specific Gravity.

### SPRING TERM.

III.—Six hours. General review of Courses I. and II. Introduction to Algebra.

## APPLIED MATHEMATICS.

## SECOND YEAR.

## I.—ALGEBRA. Six hours.

This course comprises the elements of Algebra through quadratics. All unnecessary matter is left out, and the application of each principle is pointed out. The first term takes the work to fractions. Text: Milne's Elements.

## II.—ALGEBRA. Six hours. Text as above.

Beginning at fractions and completing simultaneous equations.

## III.—ALGEBRA.

Beginning at involution and completing quadratic equations.

## POST-GRADUATE COURSE.

J. D. Chavis, *Instructor*.

To enter this course, the applicant should have completed our Academic Course, or its equivalent elsewhere. Courses offered in our best High Schools and Academies will be accepted as equivalent. Credit will be given applicant for satisfactory experience in teaching.

(By special arrangement of the courses offered by the College, students may enter the regular Teachers' Course after completing the second year of the English Department and pursue it in connection with their Industrial Course.)

Practice Teaching in the Night School.

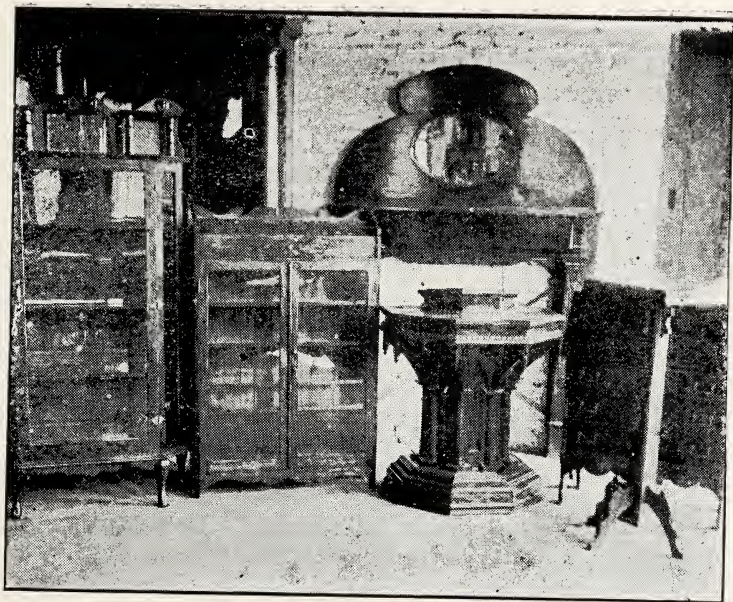
In all literary subjects, no student will be allowed more than 20 hours a week; 15 hours a week are required.

All students required to take some industrial subject.

## DESCRIPTION OF COURSE.

## ENGLISH.

The course in English is designed to teach the pupil accuracy in the use of words; ease, clearness and force in expression; and the knowledge of the sentence and good composition.



Exhibits of Cabinet Shop.



House Designed by A. A. Oldham, Class of 1904.



The Freshman Year will begin with Rhetoric and Composition, with practical application of the principles in Themes and Exercises. A text book on the subject will be used.

The class will read and study such as the following: *Evangeline*, *Ivanhoe*, *Irving's Sketch Book*. Reproductions of Short Stories will be required throughout the year.

The Sophomore Year will begin with a critical study of prose masterpieces such as: *Twice Told Tales*, *Selections from Addison*, and *Emerson's Essays*.

The study of Etymology and Theme writing is required throughout this course; original description of daily tasks in practical work.

In the Junior Year the class will study General English Literature, using a text book on the History of Literature, noting critically at least one work of the leading authors.

The English of the Senior Year will consist of reviews of English Classics read, and of special work in Theme writing.

#### GENERAL HISTORY.

I. Brief study of the Ancient People. Special Lectures on Greek and Roman History. (Soph. Fall Term.)

II. The Mediaeval Nations. Special study of European and Asiatic Nations. (Soph. Winter Term.)

III. Brief History of Modern Nations. Lectures on American History. History of North Carolina. (Soph. Spring Term.)

#### MATHEMATICS AND SCIENCE.

Courses in Mathematics and Science are the same as outlined in the Junior and Senior Years of the Agricultural and Mechanical Departments.

#### PEDAGOGY.

The course in Pedagogy includes General Psychology, Psychology as it relates to Education and Child Study, History of Education, Philosophy and Meaning of Education, Methods of Teaching, School Management, Lectures on teaching the industries in the Public Schools.



## INDUSTRIES.

W. F. Debnam, *Director.*

This department is run primarily from a commercial point of view to accomplish a three-fold purpose, viz:

To give revenue to the college.

To give employment to needy and deserving students.

To supplement by practical work the theoretical instruction of the class room.

The department comprehends the following industries:

*Broom Factory.* The broom factory is equipped with all the necessary machinery for converting the broom-corn, raised on the farm, into the most useful article of the household—the broom. The college finds a ready market for the output of the factory in its immediate vicinity.

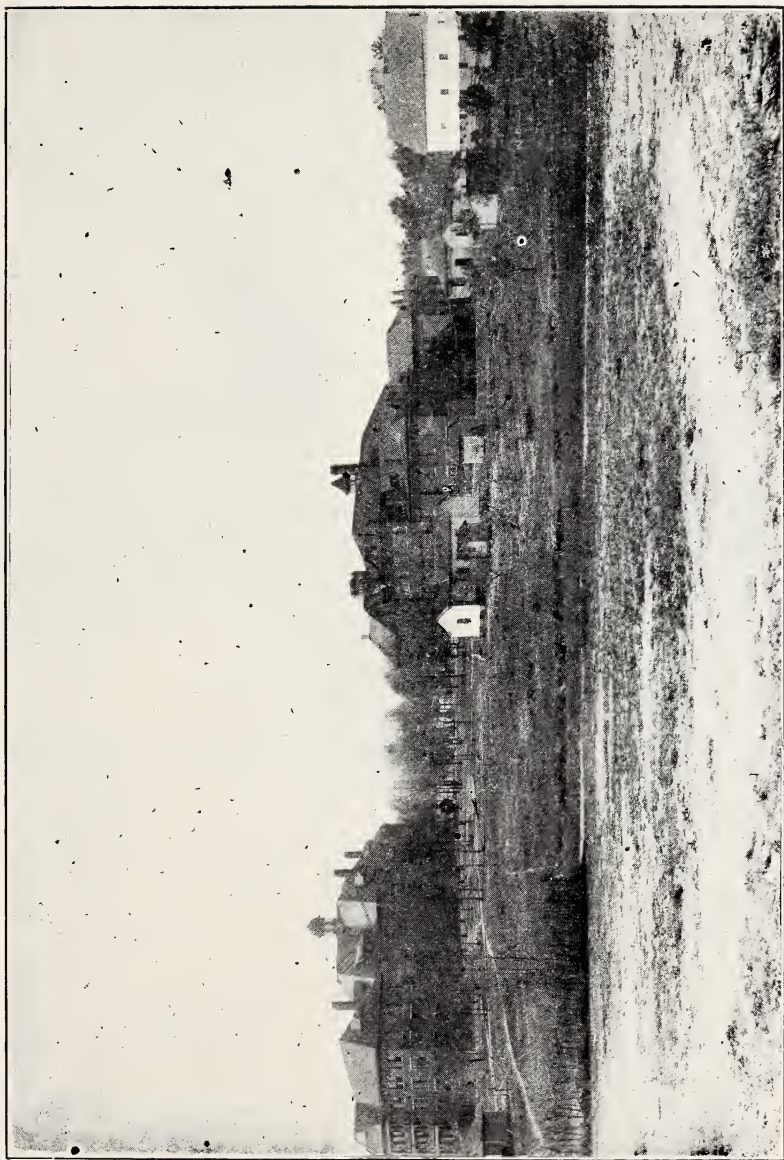
*The Farm.* A farm of 125 acres, is well stocked, and equipped with the most improved farm machinery and labor-saving devices. Corn, wheat and potatoes are the most important crops, while vegetables are grown to such an extent as the market demands.

A ninety-ton silo has been erected which is filled with corn silage each year which is cut in the field with a corn harvester and cut up for the silo by a St. Alban's shredder.

*The Piggery.* The piggery is well equipped and modern. It is stocked with pure bred and high-grade Berkshire and Poland China hogs.

## NIGHT SCHOOL.

In order to extend the usefulness of this institution as far as possible among young men who are without means or friends to assist them, a night school will be conducted that will permit students to work during the day and attend school at night. While the opportunities for advancement in the night school will not be equal to those of the day school, the best that the conditions will permit will be given, and students attending the night school may eventually arrange to enter the



East View of Campus.



day school. Courses completed in the night school receive the same credit as if completed in the day school.

It is especially desirous that the young men of the city who are employed during the day will avail themselves of this opportunity.

To enter the night school, the applicant should be sixteen years of age, and he should first secure work. This may be done by sending written application immediately to The President, A. & M. College, Greensboro, N. C.

#### ROSTER OF NIGHT SCHOOL.

Days	7—8.	8—8.30	8.30—9.	9—9.30.
Monday.....	Arithmetic..	English.....	Reading.....	Writing.....
Tuesday.....	Arithmetic..	Geography...	Spelling.....	Reading.....
Wednesday...	Arithmetic..	English.....	Reading.....	Writing.....
Thursday.....	Arithmetic..	Geography...	Writing.....	Reading....
Saturday.....	Arithmetic..	Geography...	Writing.....	Reading.....

# LIST OF GRADUATES.

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## 1899.

### "No steps backwards"

Cheek, W. T. C. .... Kittrell, N. C.  
 Cunningham, I. C. .... Mahary, Knoxville, Tenn.  
 Curt's, A. W. .... Institute, W. Va.

Agriculturist, West Va. Col. Institute.

Falkener, E. L. .... Tuskegee, Ala.  
 Joyner, J. M. .... 1329 Poplar St., Philadelphia, Pa.  
 Robinson, P. E. .... Greensboro, N. C.

Director Dairy Department.

\*Watson, A. .... Greensboro, N. C.

## 1900.

### "By our efforts we rise."

\*Best, C. H. .... Grove Hill, N. C.  
 Green, J. H. .... Wilmington, N. C.

Principal Welleston Graded School.

Moore, R. D. .... Wilmington, N. C.

Postal Clerk.

Neal, J. P. .... Winston-Salem, N. C.  
 Plummer, E. S. .... Brooklyn, N. Y.

Mechanic.

\*Quick, J. R. ....  
 Robinson, Chas. .... Tuskegee, Ala.

## 1901.

### "Fortune favors the brave."

Colson, E. F. .... Tuskegee, Ala.  
 Edwards, G. A. .... Raleigh, N. C.

Teacher, Manual Training, Shaw University.

Grimes, Frances E. .... Asheville, N. C.

## 1902.

### "After the contest, victory."

Bullock, Mrs. H. A. .... Greensboro, N. C.

Housekeeper.

Henderson, A. P. .... Chicago  
 Hepler, T. H. .... Station 3, Newport News, Va.

Dairyman.

Holcombe, A. J. P. .... Raleigh, N. C.  
 Garrett, Mrs. F. E. .... Greensboro, N. C.

Teacher,

\*—Deceased.



Mebane, A. L. ....	Tuskegee Inst., Ala.
	Landscape Gardener.
Quinn, Wm. ....	Raleigh, N. C.
	Mechanic, D. & B. Institute.
White, Wa. A. ....	Hillsboro, N. C.

## 1903.

"More beyond."

Alexander, W. G., Engineer .....	422 Elton St., Brooklyn, N. Y.
Amey, Chas. G. ....	Greensboro, N. C.
	Instr. Blacksmithing, A. & M. College.
Burnett, A. C. ....	High Point, N. C.
	Agriculturist, High Point N. & I. School.
Forney, H. G. ....	Enfield, N. C.
	Agriculturist, J. K. Brick School.
Haywood, Burke .....	Raleigh, N. C.
	Mechanic.
Holmes, J. W. ....	Raleigh, N. C.
	Architect, St. Augustine School.
Hunter, C. C. ....	West Raleigh, N. C.
Jefferson, C. B. ....	Warrenton, N. C.
McLendon, J. R. ....	Topeka, Kansas
	Mechanic, N. & I. School, Topeka, Kansas.
Robinson, R. R. ....	Tuskegee, Ala.
Robinson, W. F. ....	Greensboro, N. C.
	Florist, A. & M. College.
Yores, Edward.....	824 N. 13th St., Philadelphia, Pa.

## 1904.

"Through the dust to the stars."

Chance, W. C. ....	Washington, D. C.
Edward, W. T. ....	(Siler City, N. C.)
	607 Lincoln St., Wilmington, Del.
Greenlee, Percy C. ....	111 Foot St., New Haven, Conn.
Jones, L. A. ....	Rocky Point, N. C.
Oldham, A. A. ....	Greensboro, N. C.
	Architect.
Ramseur, L. L. (Croom, Md.) .....	Newton, N. C.
	Teacher.
*Reaves, W. V. ....	Glendon, N. C.

## 1905.

"Thus ends our first lesson."

Hooper, L. B. ....Central Mech. Wks., Keystone, West Va.  
Johnson, J. I. ....Greensboro, N. C.

Dairyman.

Lamb, W. M. ....Box 1, Station 3, Newport News, Va.

Dairyman.

Richie, E. W. ....25 Wolwick St., Spartanburg, S. C.

(Howard University)

Turner, R. R. ....Raleigh, N. C.

Tinner.

Watson, P. P. ....High Point N. & I. School, High Point, N. C.

**Specials.**

Jones, G. W. ....Greensboro, N. C.

Carpenter.

Prather, E. A. ....Hayti St., Raleigh, N. C.

## 1906.

"Our Aim Victory."

Ford, I. R. (Mech.) Manufacturer.....Greensboro, N. C.

Greenlee, N. B. (Agri.).....Washington, D. C.

Hawkins, J. A. (Mech.).....Cary, N. C.

Johnson, W. A. (Agr.) Dairyman.....Greensboro, N. C.

McRae, S. D. (Agr.).....Thomasville, N. C.

Rand, John Milton, (Agr.)...529 Spruce St. N. W. Washington, D. C.

Stewart, Needham (Agr.) Dairyman...520 W. Market St., Greensboro.

**Special, With Short Course Certificates.**

Baldwin, M. L., Rev.....Greensboro, N. C.

Lee, Jas. A. ....Thomasville, N. C.

Faduma, Arisatuke .....Troy Academy (Prin.), Troy, N. C.

## 1907.

"Climb tho' the rock be rugged."

Caesar, Robert (Agr.).....Mount Airy, N. C.

Carter, O. H. (Agr.).....Fayetteville, N. C.

Donnell, Clyde (Agri.) (Washington, D. C.).....Greensboro, N. C.

Davis, Chas. G. (Mech.) .....Greensboro, N. C.

Keck, William (Washington, D. C.).....Greensboro, N. C.

Rivera, T. A. (Agr.) .....Durham, N. C.

Scott, Chas. A. (Agri.).....Cambria, Va.

Head. Agricultural Dept. Christiansburg Institute.

Smith, Edward (Mech.).....Greensboro, N. C.

Truman, J. C. (Mech.).....Durham, N. C.

Williams, M. W. (Agr.) (Arelie).....Halifax, N. C.

## Special

\*Leach, Thomas .....Pittsboro, N. C.

1908.

"Lifting as we climb."

Alston, A. J. ....Arcola, N. C.  
 Bailey, N. A. ....Pittsboro, N. C., R. F. D. 2.  
 Baldwin, Seaton.....Philadelphia, Pa., 708 S. Mervin St.  
 Cotton, Samuel .....Philadelphia, Pa., 708 S. Mervin St.  
 Darden, A. N. ....Wilson, N. C., 110 Pender St.  
 Flow, Baxter D. ....Matthews, N. C., R. F. D. 28 Box 50.  
 Foster, Chas. L. ....Prairie View, Texas  
 Harrison, M. L. ....Yorkville, S. C., R. F. D. 2.  
 Harrison, R. H. ....Yorkville, S. C., R. F. D. 2  
 Johnson, Enoch J. ....Cheraw, S. C.  
 Lamb, J. L. ....Fentress, Va., Box 26  
 McGimpsey, J. R. ....Fonta Flora, N. C.  
 Merrick, Edward R. ....Durham, N. C., 406 Fayetteville St.  
 Powell, Wylie .....Wilson, N. C.  
 Reid, Chas. B. ....Wadesboro, N. C., Box 133.  
 Smith, John R. ....Louisburg, N. C.  
 Spaulding, John W. ....Elkton, N. C.

## Special

Holmes, W. H. ....Goldston, N. C.

## GRADUATES OF THE PREPARATORY DEPARTMENT.

## Class of 1900.

Alston, Sarah V. (Miss).....Raleigh, N. C.  
 Carter, Alma J. (Miss).....Reidsville, N. C.

## Teacher.

Colley, J. C. ....Durham, N. C.  
 Cotton, Lillian (Miss) .....Chester, S. C.  
 \*Davis, L. E. ....Wilmington, N. C.  
 Davis, Mary O. (Miss) .....Hillsdale, N. C.  
 Davis, R. T. ....Wilmington, N. C.  
 \*Dudley, S. Inez (Miss).....Greensboro, N. C.  
 Dunham, P. Wm. ....Euloria, S. C.  
 Farrington, Bertha (Miss) .....Greensboro, N. C.  
 Hooper, T. H. ....Winston, N. C.  
 Jeffreys, Annie F. (Miss) .....Petersburg, Va.  
 Jones, Estella D. (Miss).....Chapel Hill, N. C.  
 McKenzie, Sarah P. (Miss) .....Greensboro, N. C.

## Teacher.

Pritchett, Nannie L. (Miss).....	Greensboro, N. C.
*Quick, Knox S. ....	Laurinburg, N. C.
Richardson, M. L. (Miss).....	Wilmington, N. C.
Simmons, Victor W. ....	Statesville, N. C.
Strong, Andrew J. ....	Norfolk, Va.
Willis, Josie H. (Miss).....	Wilmington, N. C.
Wilson, Lillie B. (Miss).....	Hillsboro, N. C.
Witherspoon, Annie F. (Miss).....	Greenville, N. C.
Wooten, David ....	Princeville, N. C.
Wright, Annie C. ....	Danville, Va.

#### Class of 1901.

Gwyn, Cecil B. (Miss) ....	Greensboro, N. C.
*Jones, Georgia (Miss).....	Raleigh, N. C.
Jackson, N. E. ....	Carthage, N. C.
Logan, Erkwood ....	Gale, N. C.
Lipscombe, Hattie B. (Miss).....	Newport News, Va.
Mapp, Sadie (Miss).....	Philadelphia, Pa.
Palmer, Dinah (Miss).....	Church Hill, N. C.
Reaves, W. V. ....	Greensboro, N. C.
Rankin, A. E. ....	Greensboro, N. C.
Reynolds, Mattie (Miss).....	Waynesville, N. C.
Watson, Della A. (Miss).....	Grove Hill, N. C.

\*—Deceased

N. B.—In order that this list may be kept accurately, graduates are requested to inform the President of any change in address, vocation, etc.

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#### SCHOLARSHIPS.

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A. M. Scales Scholarship of \$25 will be awarded at the close of the Fall Term to the student in the Junior class who has the best record for the first and second year classes.

The Alumni Scholarship of \$25 will be awarded at the close of the Fall term to the student in the Senior class who has the best record for scholarship covering the period of the first, second and third year classes.

The North Carolina Mutual and Provident scholarship of \$25.00 will be given to the student in the Senior class who has

completed the first, second and third year work at the A. & M. College and who has the best general record. This scholarship is available at the end of the Fall term of the Senior year.

Mr. J. O. Foster, tailor, a representative of the college, has offered to the Senior with best record in study and deportment a prize of \$7.00 in trade.

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### LIST OF STUDENTS

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#### Preparatory Class.

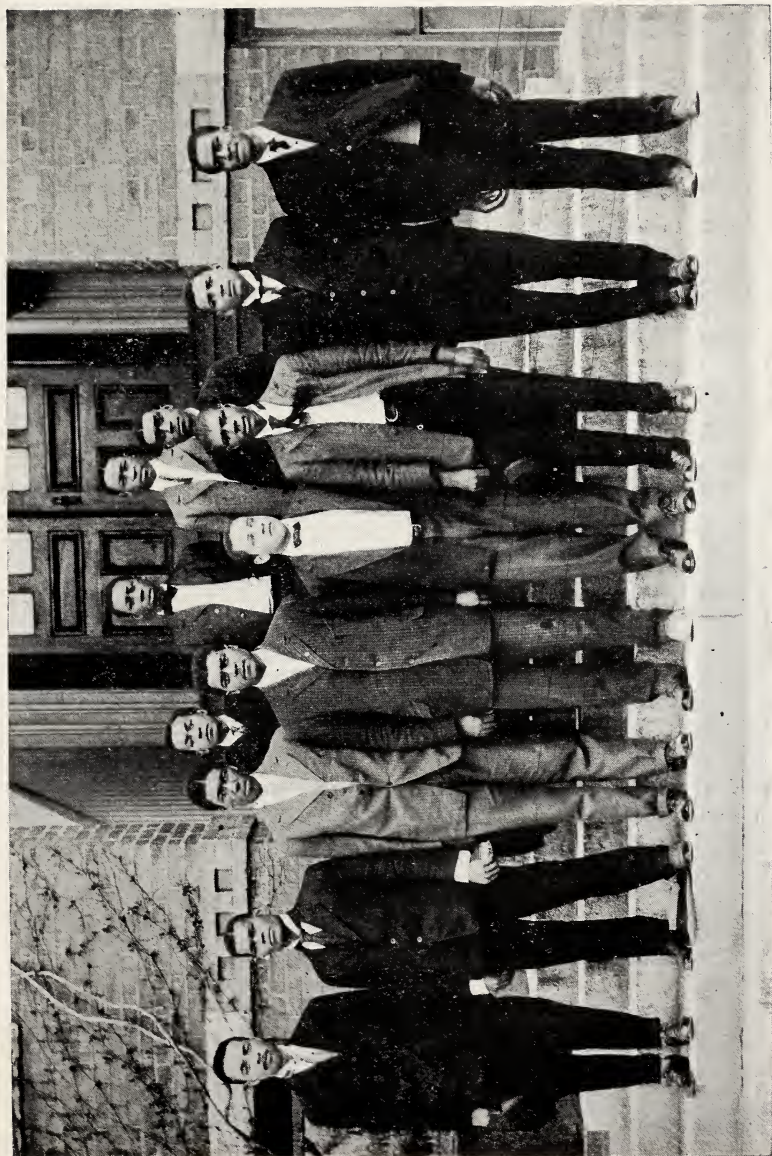
Alexander, Reece	Guilford
Anderson, W. T.	Virginia
Berry, W. S.	Onslow
Bethel, U. G.	Rockingham
Blue, J. H. C.	Robeson
Boothe, Thomas	Orange
Brown, Robert J.	Gaston
Bruton, Fletcher	Montgomery
Christian, Chas.	Montgomery
Christian, Lewis	Montgomery
Clemmons, H. H.	New Hanover
Colbert, Aggie	Buncombe
Corbett, J. H.	Virginia
Craver, R. B.	Davidson
Crow, Robert	Guilford
Curry, Jas. W.	Davidson
Currence, L. E.	Gaston
Dick, Henry	Guilford
Dowtin, J. W.	Halifax
Dunlap, Alvin	Polk
Fulton, Samuel H.	Stokes
Gaines, John	Cabarrus
Gaines, Samuel	Cabarrus
Goldston, W. H.	Chatham
Grandy, William	Johnson
Greenlee, Algern	New York City
Grier, Arthur	Mecklenburg
Hackney, F. D.	Wake
Haden, Charles	Virginia
Harper, Bert T.	Green
Hanner, S. F.	Chatham



Hairston, Pink .....	Stokes
Holland, George .....	Gaston
Hcooper, J. M. ....	Rockingham
Humphreys, W. H. ....	Gaston
Jackson, C. V. ....	South Carolina
Jordan, J. A. ....	Guilford
Kelley, Jesse .....	South Carol'na
King, L. H. ....	Rockingham
Ladbetter, Preston .....	Montgomery
Little, Julius A. ....	Anson
Locklayer, Geo. E. ....	Virginia
McConnell, Ellison .....	Guilford
McLeod, George .....	Moore
McNair, Evander .....	Robeson
McRay, Willie .....	Guilford
Maloy, P. A. ....	Scotland
Mills, Chester T. ....	Rutherford
Mills, Shadrach .....	Rutherford
Millings, John .....	Mecklenburg
Moore, James W. ....	Martin
Moore, William .....	Henderson
Mitchell, William .....	Guilford
Noble, Walter .....	Rockingham
Face, Samuel W. ....	Vir'nia
Pittman, Lewis .....	Halifax
Powell, William W. ....	Caldwell
Reid, James I. ....	Cumberland
Riddick, Walter E. ....	Virginia
Simmons, Jerry .....	Pender
Thomblin, Harry P. ....	Georgia
Tucker, Merrill E. ....	New York City
Westfield, William .....	Polk
Whitted, Preston .....	Guilford
Whitley, B. W. ....	Johnson
Wilkes, Arthur .....	Georgia
Wilkins, George .....	Wake
William, J. H. ....	Virginia
Wood, Albion T. ....	Gu'lford
Ziegler, Edmond .....	Robeson

#### First Year Class.

Atwater, Cleveland .....	Guilford
Barber, John H. ....	Cabarrus
Bridgers, Walter A. ....	Forsyth



Section of Preparatory Class '09.



Brown, Daniel E. ....	Onslow
Brown, King David ....	Onslow
Samuel, J. F. ....	New Hanover
Brooks, Samuel T. ....	Guilford
Burgin, Willie ....	South Carolina
Byarm, A. L. ....	Mecklenburg
Byarm, L. P. ....	Mecklenburg
Clark, John ....	Durham
Craig, David ....	Durham
Cochrane, R. B. ....	Catawba
Colson, John A. ....	Anson
Collins, T. B. ....	New Hanover
Dortch, Ralph W. ....	Wayne
Evans, G. F. ....	Davidson
Faison, Walter ....	Wayne
Ferguson, L. S. ....	Virginia
Finch, Schofield ....	Guilford
Finney, John L. ....	Virginia
Fitzgerald, William H. ....	Durham
Forney, W. E. ....	Rutherford
Foster, E. E. ....	Guilford
Guess, William ....	Wayne
Harris, M. S. ....	Warren
Hayley, M. G. ....	Warren
Holden, P. S. ....	Franklin
Jeffries, A. V. ....	Alamance
Leak, H. C. ....	Richmond
Lightner, Rayford H. ....	South Carolina
Little, W. H. ....	Union
Moser, John M. ....	Virginia
McConnell, Willie I. ....	Guilford
Pair, O. L. ....	Wake
Perry, Joseph H. ....	Cumberland
Pope, J. I. ....	Franklin
Posey, J. J. ....	South Carolina
Quick, W. A. ....	Richmond
Quick, John D. ....	Richmond
Ray, Johnson ....	Durham
Sanks, Carlos C. ....	Maryland
Shuford, James S. ....	Buncombe
Smyre, Mayfield S. ....	Catawba
Stephens, John L. ....	Caswell
Slade, S. W. R. ....	Wake
Simonton, Aaron ....	Davidson

Turrentine, Jesse H. ....	Forsyth
Tucker, W. J. ....	Robeson
Thompson, Lonnie M. ....	Durham
Thomas, Elwood P. ....	Davidson
Webb, James ....	Virginia
Wharton, F. D. ....	Guilford

#### Second Year Students.

Arnett, W. W. ....	South Carolina
Bryant, William H. ....	Wilson
Bunn, Roger E. ....	Wayne
Burton, M. E. ....	Person
✓ Burke, Thomas B. ....	Kingston, Jamaica, B. W. I.
Busbee, R. L. ....	Green
Dixen, C. V. ....	Alamance
Donnell, C. S. ....	Guilford
Flagg, J. H. ....	Wake
Lawrence, C. W. ....	New Hanover
Maske, J. W. ....	Anson
McKee, J. C. ....	Richmond
Moore, Lonnie ....	Mecklenburg
Miller, Rober ....	Davidson
✓ Millington, Samuel ....	British Gu'iana, S. A.
Pearson, Harry ....	Pender
Reives, Caswell B. ....	Guilford
Sherrill, George W. ....	Rowan
Stredwick, J. W. ....	Wake
Williams, F. B. ....	New Hanover

#### Third Year Class.

Johnson, A. B. ....	Person
Lewis, Needam R. ....	Johnson
Sanders, M. S. ....	South Carolina
Waugh, Sterling ....	Guilford

#### Fourth Year Class.

Barnes, B. W. ....	Edgecombe
Berry, Richard ....	Orange
Crawford, J. L. ....	Wilson
Davis, C. J. ....	Anson
Davis, J. H. ....	Edgecombe
Evans, Edward ....	Cumberland
Gill, James C. ....	Cumberland



Mabery, Samuel .....	Catawba
Markham, W. H. ....	Durham
Maske, J. D. ....	Anson
Mitchell, John W. ....	Cumberland
Nelson, Fred D. ....	Guilford
Price, P. B. ....	Edgecombe
Webb, H. E. ....	Alamance
Wray, John D. ....	Person
Waugh, George .....	Guilford
Wilkins, J. W. ....	Durham

### Special Students.

Ancrum, E. W. B. ....	Robeson
Eaton, Jas. L. ....	Wake
Ellison, B. J. ....	Green
Foster, J. O. ....	Guilford
Foy, Monroe .....	Guilford
Hairston, James R. ....	Virginia
Ingram, W. H. ....	Anson
Jordan, J. F. ....	Guilford
Love, M. L. ....	Cabarrus

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### SUMMER SCHOOL.

The tenth annual session of the A. & M. College Summer School will begin June 21st and continue three weeks. The Negro teachers of the State are invited to co-operate in building a strong State Summer School that will help to foster patriotism and bind together all who are interested in educational progress.

Specialist in Primary Method, School Management and all the common branches will be included on the staff of instructors.

Terms—Session, \$7.50; week, \$3.00; day, 50c.

The college is beautifully located and is an ideal spot for a pleasant summer resort.

Alexander, M. ....	Johnson
Banks, A. E. ....	Guilford
Bland, R. ....	Guilford

Brown, J. W. ....	Guilford
Carter, S. J. ....	Guilford
Clapp, Mamie ....	Guilford
Chavis, M. C. ....	Guilford
Caldwell, Lola ....	Guilford
Carter, Sarah ....	Vance
Corde, A. J., Rev. ....	Guilford
Causey, K. ....	Guilford
Daniels, L. B. ....	Guilford
Donnell, M. ....	Guilford
Dickenson, W. J. ....	Guilford
Donnell, B. ....	Guilford
Debnam, I. P. ....	Wake
Emerson, J. W. ....	Guilford
Foushee, B. ....	Guilford
Falkener, M. E. ....	Guilford
Foster, R. C. ....	Guilford
Foust, J. C. ....	Rockingham
Foust, W. H. ....	Davidson
Foust, L. ....	Guilford
Garrett, F. A. ....	Guilford
Goode, N. ....	Guilford
Gilmer, Eliza ....	Guilford
Graves, B. L. ....	Guilford
Graves, Lydia ....	Guilford
Green, M. A. ....	Guilford
Greene, C. D. ....	Guilford
Galloway, C. ....	Guilford
Gaines, M. ....	Caswell
Gilmer, A. M. ....	Guilford
Gray, L. ....	Guilford
Gray, J. H. ....	Guilford
Grandy, M. L. ....	Guilford
Harris, Annie B. ....	Guilford
Holt, H. ....	Guilford
Harris, A. ....	Guilford
Harris, L. ....	Guilford
Hairston, M. W. ....	Mecklenburg
Holmes, S. G. ....	Guilford
Headen, P. E. ....	Guilford
Hanes, M. ....	Forsyth
Haith, E. D. ....	Forsyth
Hepler, H. ....	Guilford
Harris, V. ....	Rowan
Hamilton, O. L. ....	Guilford

Holmes, E. L. ....	Guilford
Hightower, C. ....	Guilford
King, W. S. (Mrs.) .....	Johnson
Johnson, M. R. ....	Guilford
Johnson, M. L. ....	Guilford
Jones, W. H. ....	Guilford
Jones, I. R. ....	Guilford
Jones, Hattie .....	Guilford
Johnson, C. L. ....	Chatham
Lytle, B. ....	Guilford
Law, W. L. ....	Guilford
Leak, E. ....	Rowan
Lawrence, J. E. ....	Rowan
Lindsay, B. ....	Guilford
Morgan, Sallie .....	Guilford
Morgan, J. A. ....	Guilford
Moorehead, Pearl .....	Guilford
McConnell, J. H. ....	Guilford
Marable, Lucinda .....	Guilford
McLean, M. ....	Guilford
McGill, E. T. ....	Gaston
Moffin, J. W. ....	Guilford
Moore, U. ....	Guilford
Mumford, U. S. ....	Guilford
McKenzie, Sarah .....	Guilford
Murray, F. N. ....	Guilford
Morgan, Adna .....	Guilford
McBryan, S. B. ....	Guilford
Nelson, G. M. ....	Guilford
Nichols, A. ....	Guilford
Price, E. J. ....	Guilford
Palmer, M. ....	Caswell
Phillips, A. ....	Forsyth
Richmond, H. ....	Guilford
Reid, G. ....	Guilford
Rowlands, L. A. ....	Guilford
Roberson, L. ....	Guilford
Saunders, J. M. ....	Guilford
Sapp, L. B. ....	Guilford
Suggs, Cora .....	Guilford
Smith, J. ....	Guilford
Sevier, S. S. (Mrs.) .....	Guilford
Sapp, F. ....	Guilford
Swinson, D. T. ....	Scotland
Standfield, C. ....	Guilford

Terrell, M. L. ....	Johnson
Truman, M. ....	Durham
Watkins, R. F. ....	Forsyth
Winchester, S. H. ....	Guilford
Wells, L. ....	Guilford
Williams, M. E. ....	Guilford
Waugh, L. ....	Guilford
Womble, M. ....	Guilford
Wadlington, Vina ....	Guilford
Yates, D. ....	Guilford

**Distribution of Students by States and Counties of North Carolina.**

County.	No.	County.	No.	County.	No.
Alamance .....	3	Guilford .....	109	Polk .....	2
Anson .....	6	Halifax .....	2	Richmond .....	4
Buncombe .....	2	Henderson .....	1	Robeson .....	5
Cabarrus .....	4	Green .....	3	Rockingham .....	5
Caswell .....	3	Johnson .....	6	Rowan .....	4
Caldwell .....	1	Martin .....	1	Rutherford .....	3
Catawba .....	3	Moore .....	1	Scotland .....	2
Chatham .....	3	Montgomery .....	4	Stokes .....	2
Cumberland .....	5	Mecklenburg .....	6	Union .....	1
Davidson .....	7	New Hanover .....	5	Vance .....	1
Durham .....	8	Onslow .....	3	Wake .....	8
Edgecombe .....	3	Orange .....	2	Warren .....	2
Forsyth .....	5	Pender .....	2	Wayne .....	4
Franklin .....	2	Person .....	3	Wilson .....	2
Gaston .....	5				

**Summary.**

State.	No.
North Carolina .....	250
South Carolina .....	7
Jamaica (1), British Guiana (1).....	2
Virginia ..	12
Georgia ..	2
Maryland ..	1
New York .....	2
Total .....	276

## COURSES OF STUDY.

## Preparatory Class.

Fall Term		Winter Term		Spring Term	
English	5	English	5	Composition	5
Arithmetic	5	Arithmetic	5	Arithmetic	5
Geography	3	Geography	2	English	3
Writing	2	Writing	2	Reading	2
Reading	3	Composition	1	Spelling	1
History	2	Reading	3	History, U. S.	2
Dairying	2	History U. S.	2	Shop	6
Drawing	2	Dairying	2	Drawing	2
Shop	4	Drawing	2	Greenhouse	2
Greenhouse	2	Shop	4		
		Greenhouse	2		

## Freshman Class.

Fall Term		Winter Term		Spring Term	
Arithmetic	5	Arithmetic	5	Algebra	5
English	5	English	5	English	5
General History	5	General History	5	General History	5
Agriculture	3	Agriculture	3	Elementary Chem.	3
Music	2	Music	2	Plant Biology	2
Drawing	2	Drawing	2	Drawing	2
Shop	4	Shop	4	Shop	4
Greenhouse	2	Greenhouse	2	Greenhouse	2
Dairying	2	Dairying	2	Dairying	2

## Sophomore Class.

Fall Term		Winter Term		Spring Term	
Algebra	5	Algebra	5	Algebra	5
English	5	English	5	English	5
Physiology	5	Physiology	5	Market Gardening	3
General Chemistry	3	Chemistry	3	Material of Constr.	2
Bookkeeping	2	Bookkeeping	2	Physiology	3
Shop	6	Shop	6	Bookkeeping	2
Drawing	4	Drawing	4	Shop	6
				Drawing	4

(For all Sophomores.)



## Junior Class.

Fall Term		Winter Term		Spring Term	
Geometry	5	Geometry	5	Geometry	5
English	5	English	5	English	5
Physics	5	Physics	5	Physics	5
Qual. Analysis	2	Qual. Analysis	2	Qual. Analysis	2
Bacteriology (Agr)	3	Bacteriology (A)	3	Geology (A)	3
Steam Engines, Pumps (M)	3	House Planning (M)	3	Heat. & Vent. (M)	3
Eng. Literature or His. of Educ. (P)	3	Eng. Lit. or History of Education (P)	3	Phil. of Edu. or Eng. Literature (Pedg)	3
Analytic. Chem. (A)	4	Analytic. Chem. (A)	4	Analytic. Chem. (A)	4
Dairying (A)	6	Dairying (A)	6	Dairying (A)	
Drawing (M)	4	Drawing (M)	4	Drawing (M)	4
Shop (M)	6	Shop (M)	6	Shop (M)	6

(Note—Mechanical students may take Analytical Chemistry, 2; Drawing, 2; Shop, 6, in any term.)

## Senior Class.

Fall Term		Winter Term		Spring Term	
Solid Geometry	5	Trigonometry	5	Trigonometry and Surveying	5
English	3	English	3	English	5
Literature	2	Literature	2	Civics	3
Political Economy	3	Political Economy	3	Pedagogy	3
Agri. Physics (A)	3	Agr. Physics (A)	3	Political Economy	2
Entomology (A)	2	Entomology (A)	2	Mechanism (M)	2
Agronomy (A)	2	Agronomy (A)	2	Dairying (A)	2
Estimates (M)	2	Mechanism (M)	3	Education (P)	2
Mechanism (M)	3	Build. Constr. (M)	2	Agricultural Chemis- try (A)	6
Steam Engineering, Pumps (M)	2	Plumbing (M)	2	Thesis (A)	4
Psychology (P)	5	Psychology (P)	5	Shop (M)	6
His. of Educa. (P)	2	Education or Litera- ture (P)	2	Thesis (M)	4
Agr. Chemistry (A)	6	Agr. Chemistry (A)	6		
Dairying (A)	4	Theme Work (A)	4		
Drawing (M)	4	Drawing (M)	4		
Shop (M)	6	Shop (M)	6		

# A. & M. COLLEGE SCHEDULE

## Fall Term

P. M.

A. M.

Days.	8:30-9	9-10	10-11	11-12	12-1	2-4	7-9:30
	Study Hours—Night School.						
Mon.	P. I. English I. Arithmetic II. A English III. A Physics IV. A Solid Geometry	English Arithmetic English Algebra English Political Economy	Arithmetic English Algebra English Political Economy	Geography General History General Chemistry Bacteriology & Pumps Steam Engi. & Pumps Agricultural Physics Mechanism	Reading Agriculture Physiology Geometry English	Dairying Shop Shop Dairying Shop Chemistry Shop	
Tues.	P. I. English I. Arithmetic II. A English III. A Physics IV. A Solid Geometry	English Arithmetic English Algebra English Political Economy	Arithmetic English Algebra English Political Economy	Writing General History Book-keeping Qualitative Analysis Estimates	History Music Physiology Geometry Literature	Drawing Greenhouse Drawing Analytical Chemistry Drawing Drawing	
Wed.	P. I. English I. Arithmetic II. A English III. A Physics IV. A Solid Geometry	English Arithmetic English Algebra English Political Economy	Arithmetic English Algebra English Political Economy	Geography General History General Chemistry Bacteriology & Pumps Steam Engi. & Pumps Agronomy Mechanism	Reading Agriculture Physiology Geometry English	Shop Dairying Shop Dairying Shop Chemistry Shop	
Thurs.	P. I. English I. Arithmetic II. A English III. A Physics IV. A Solid Geometry	English Arithmetic English Algebra English Political Economy	Arithmetic English Algebra English Political Economy	Writing General History Book-keeping Qualitative Analysis Estimates	History Music Physiology Geometry Literature	Greenhouse Drawing Drawing Analytical Chemistry Drawing Drawing	
Fri.	P. I. English I. Arithmetic II. A English III. A Physics IV. A Solid Geometry	English Arithmetic English Algebra English Political Economy	Arithmetic English Algebra English Political Economy	Geography General History General Chemistry Bacteriology & Pumps Steam Engi. & Pumps Agronomy Mechanism	Reading Agriculture Physiology Geometry English	Shop Shop Shop Dairying Shop Chemistry Shop	

3rd year Pedg. English Literature, Mondays, Wednesdays, Fridays 11-12. 3rd year Mech. May take Analytical Chemistry instead of Drawing on Tuesdays. 4th year Pedg. Psychology, daily 11-12; History of Education, Tuesdays and Thursdays 10-11. 4th year subjects in afternoon session are elective.

# A. & M. COLLEGE SCHEDULE

A. M.

Winter Term

P. M.

Days	8:30-9	9:10	10:11	11-12	12-1	2-4	7-9:30
	Study Hours—Night School.						
Mon.	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics
Tues.	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics
Wed.	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics
Thurs.	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics
Fri.	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics	P I. English II. Arithmetic III. Algebra IV. Physics

## Chapel Exercises.

3rd year Pedg. History of Education or Literature, Mondays, Wednesdays, Fridays 12-1. 3rd year Mechanical Students may take Analytical Chemistry on Tuesdays instead of Drawing. 4th year Pedg. Psychology daily 9-10; Literature or Education Tuesdays and Thursdays 10-11.

# A. & M. COLLEGE SCHEDULE

P. M.

Spring Term

A. M.

Days	8:30-9	9-10	10-11	11-12	12-1	2-4	7-9:30
Study Hours—Night School.							
Mon.	P. I. II. III. IV. Composition Algebra English A. M. Geometry A. M. Civics A. M.	Arithmetic English Algebra Physics Pedagogy	English Elementary Market Gardening English Trig. & Surveying	Reading General History Physiology Geology Heating & Ventilating English	Shop Greenhouse Shop Dairying Shop Chemistry Shop		
Tues.	P. I. II. III. IV. Composition Algebra English A. M. Geometry A. M. Pol. Economy A. M.	Arithmetic English Algebra Physics Dairying Mechanism	Reading Plant Biology Materials of Construction English Trig. & Surveying	U. S. History General History Book-keeping Qualitative Analysis English	Drawing Dairying Drawing Chemistry Drawing Thesis		
Wed.	P. I. II. III. IV. Composition Algebra English A. M. Geometry A. M. Civics A. M.	Arithmetic English Algebra Physics Pedagogy	English Elementary Market Gardening English Trig. & Surveying	Spelling General History Physiology Geology Heating & Ventilating English	Shop Greenhouse Shop Dairying Shop Chemistry Shop		
Thurs.	P. I. II. III. IV. Composition Algebra English A. M. Geometry A. M. Pol. Economy A. M.	Arithmetic English Algebra Physics Dairying Mechanism	Reading Plant Biology Materials of Construction English Trig. & Surveying	U. S. History General History Book-keeping Qualitative Analysis English	Greenhouse Drawing Drawing Chemistry Drawing Thesis		
Fri.	P. I. II. III. IV. Composition Algebra English A. M. Geometry A. M. Civics A. M.	Arithmetic English Algebra Physics Pedagogy	English Elementary Market Gardening English Trig. & Surveying	Reading General History Physiology Geology Heating & Ventilating English	Shop Greenhouse Shop Dairying Shop Chemistry Shop		

N. B.—3rd year Pedagogical Students take Philosophy of Education or English Literature Mondays, Wednesdays, Fridays 12-1. 3rd year Mechanical Students may take Analytical Chemistry instead of Drawing on Tuesdays. 4th year Pedagogical Students take Education on Tuesdays and Thursdays 10-11.

# Examination Schedules for the Session

Fall Term Ending November 30th, 1909.

Monday, 22nd.	Tuesday, 23rd.	Wednesday, 24th.	Monday, 29th.
<p>P. English</p> <p>A. M. 1. Arithmetic 2. English 3. Physics 9 to 11 4. Solid Geometry</p>	<p>Arithmetic English Algebra English Political Economy</p>	<p>Geography General History General Chemistry Bacteriology (A) Mechanism (M)</p>	<p>Reading Agriculture Physiology Steam Engine, etc. (M) Agric. Physics (A)</p>
<p>P. History</p> <p>A. M. 1. . . . . 2. . . . . 3. . . . . 11 to 1 4. English</p>	<p>Writing . . . . . Literature Chemistry</p>	<p>. . . . . Book Keeping Qualitative Ana. Steam, Engineering (M)</p>	<p>Reading . . . . . Drawing Hist. Education Entomology</p>
<p>P. Dairying</p> <p>P. M. 1. Shop 2. Shop 2 to 4 3. Ana. Chem. 4. Estimates</p>	<p>Drawing Greenhouse Shop Dairying A Literature</p>	<p>Shop Dairying Shop (M) Agronomy</p>	<p>Greenhouse Music Shop Dairying Shop (M) or Drawing</p>

Removal of condition 4-6 each examination day during vacant periods and following Saturday.



# Examination Schedules for the Session

Winter Term Ending February 26th, 1910.

Tuesday.		Wednesday	Thursday	Friday
A. M. 9 to 11	P. English	Arithmetic English English Geometry Literature	Geography General History Physiology Eng. Lit. Trigonometry	Reading Agriculture Book Keeping English Political Economy
	1. Arithmetic			
	2. Algebra			
	3. Physics			
11 to 1	4. English			
	P. History	Composition Drawing ..... Qual. Analysis Entomology (A)	Writing Shop ..... Bacteriology (A) Mechanism (M)	Reading Greenhouse ..... House Planning (M) Agron. (A) and Shop W'rk
	1. Music			
	2. Chemistry			
	3. ....			
P. M. 2 to 4	4. Agr. Physics (A)			
	P. Dairying	Drawing Dairying ..... Drawing Plumbing	Shop ..... Drawing Dairying Psychology	Greenhouse ..... Shop (M) Ag. Chem. and Drawing
	1. ....			
	2. Shop			
	3. Ana. Chem. (A)			
4.	Build. Constr.			

Removal of condition 4-6 each examination day and following Saturday.

# Examination Schedules for the Session

Spring Term Ending May 26th, 1910.

Friday, 20.		Monday, 23.	Tuesday, 24.	Wednesday, 25.
A. M. 9 to 11	P. Composition	Arithmetic	English	Reading
	1. Algebra	English	General History	Elementary Chem.
	2. English	Algebra	Market Garden.	Mat. Constr.
	3. Physics	Literature	Geometry	English
	4. English	Pol. Economy	Civics	Trigonometry
A. M. 11 to 1	P. History	Spelling	...	Reading
	1. Plant Biology	Drawing	Dairying	...
	2. Book Keeping	Physiology	Drawing	Shop
	3. Heat & Vent.	Geology	Qual. Analysis	Ana. Chem.
	4. Shop	Pedagogy	Mechanism	Dairying
P. M. 2 to 4	P. Shop	Drawing	Greenhouse	...
	1. Shop	Greenhouse	...	...
	2. ...	...	...	...
	3. Dairying	...	Drawing	Shop
	4. Plumbing	Education	Agr. Chem.	Thesis

Removal of condition 4-6 each examination day and during vacant periods and following Saturday, the 21st.

### **SPECIAL ANNOUNCEMENT.**

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On account of death in Prof. Hagans' family, the Hagans' medal for the best record in the English Department was not received until after commencement.

The records of the college show Mr. P. B. Price, of Penelo, N. C., as leading all other students in English Department and the Hagans' medal for 1909 was therefore awarded to him.

(Fill blanks, tear out and send to A. & M. College, Greensboro, N. C.)

**North Carolina Agricultural and Mechanical College for the Colored Race**  
**GREENSBORO, NORTH CAROLINA**

**APPLICATION FOR ADMISSION**

1. My name is .....
2. I live in .....
3. On .....Street, number.....
4. In .....County, State of.....
5. Parent's  
Guardian's name is .....
6. Home (Postoffice address).....  
State..... On .....St., No.....
7. I was.....years old last birthday.
8. I wish to enter school.....190...
9. I attended school last at .....
10. Recommended by .....
11. My present work is .....
12. I desire to learn .....

In applying for admission, I promise, if accepted, to conduct myself in a manner becoming a gentleman, and to make proper use of the educational advantages offered. I promise to observe and obey the regulations of the institution.

(Applicant's signature).....  
Do not write below this line.

---

The applicant has been examined and assigned to.....Year Class  
.....Dept. .... Registrar.  
Tuition ..... Lodging..... Medical Fee.....  
.....Bursar.  
Vaccination requirements satisfied, this .....190...  
.....M. D.

The above application approved.

.....President.

No..... Entered..... Page.....





## College Song

(By Mrs. Jas. B. Dudley.)

Dear A. & M., dear A. & M.,  
A monument indeed  
Around thy base with grateful hearts  
Behold thy students kneel.  
We bless the power that gave thee  
birth  
To help us in our need;  
We'll ever strive while here on earth  
All loyalty to yield!

(Chorus.)

With joy, with joy, dear A. & M.,  
Thy students turn from thee  
To spread thy truths year by year,  
From Dare to Cherokee.

Dear A. & M., dear A. & M.,  
The signet thou shalt be,  
Set by our great, old commonwealth,  
Proud boaster of the free,  
She'd have the record of her worth  
On granite not inscribed;  
Nay; let the children of her birth  
Proclaim it by their lives.

Dear A. & M., dear A. & M.,  
Henceforth our aim shall be,  
By precepts wise, by deeds more sure,  
To bless the State through thee.  
The arts of industry to wield  
Against an idle foe;  
A harvest rich, from ripened fields  
Of what thy students sow.